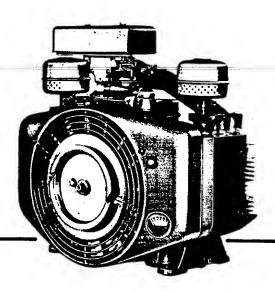
Onan

Parts Manual

CCKB Engines



927-0404 (Spec G-J) 5-78 (Spec G-J) 4-81 Printed in U.S A.

SAFETY PRECAUTIONS

The following symbols are used in Onan manuals to alert users to the potentially dangerous conditions relating to maintenance of the equipment and replacement of parts. Please read and observe.

ADANGER

This symbol warns of immediate hazards which will result in severe personal injury or death.

AWARNING
This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.

ACAUTION This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

MODEL IDENTIFICATION

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO., and SERIAL NO. from the Onan nameplate.

For handy reference, insert your nameplate information in the spaces below:

MODEL AND SPEC NO.

SERIAL NO.

PRODUCT SAFETY PRECAUTIONS

AWARNING

Contact with USED ENGINE OILS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking or changing engine oils take all necessary precautions not to ingest, breathe the fumes or contact the used oil.

AWARNING

Contact with ASBESTOS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When handling engine gaskets take all necessary precautions not to ingest, breathe or contact the dust from the gaskets! Use adequate ventilation and wear protective gloves, masks and clothing!

AWARNING

Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking, draining or adding gasoline and fuel additives, or using solvents take all necessary precautions not to ingest, breathe the fumes, or contact the liquids. Use adequate ventilation and wear protective gloves, masks and clothing!

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torse meaning,	C13	18

INTRODUCTION

This catalog applies to the industrial CCKB Engines listed below and factory installed options. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the MODEL and SPEC NO. from the engine nameplate, select the Parts Key No. (1,2,etc., in the last column) that applies to your Engine Model and Spec No. This Parts Key No. represents parts that differ between models. Unless otherwise mentioned in the description, parts are interchangeable between models. Right and left engine sides are determined by facing the blower end (front) of the engine.

ENGINE DATA TABLE

MODEL AND SPEC NO.	PARTS KEY NO.
CCKB-S*	1
£CCKB-MS/*	2

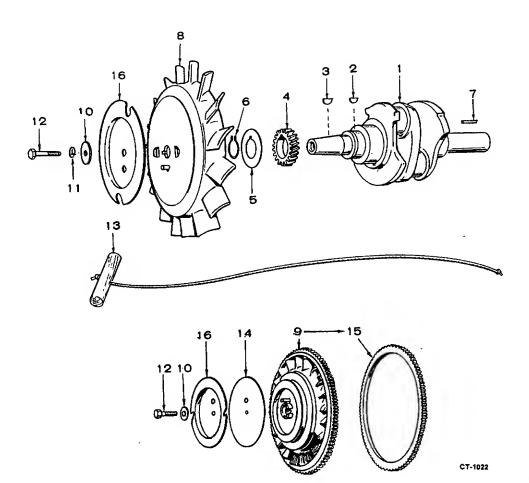
^{* -} The Specification Letter Advances (A to B,B to C, etc.) with manufacturing changes.

STANDARD ENGINE PARTS SECTION

This section contains the engine parts used on standard engines listed in the Engine Data table.

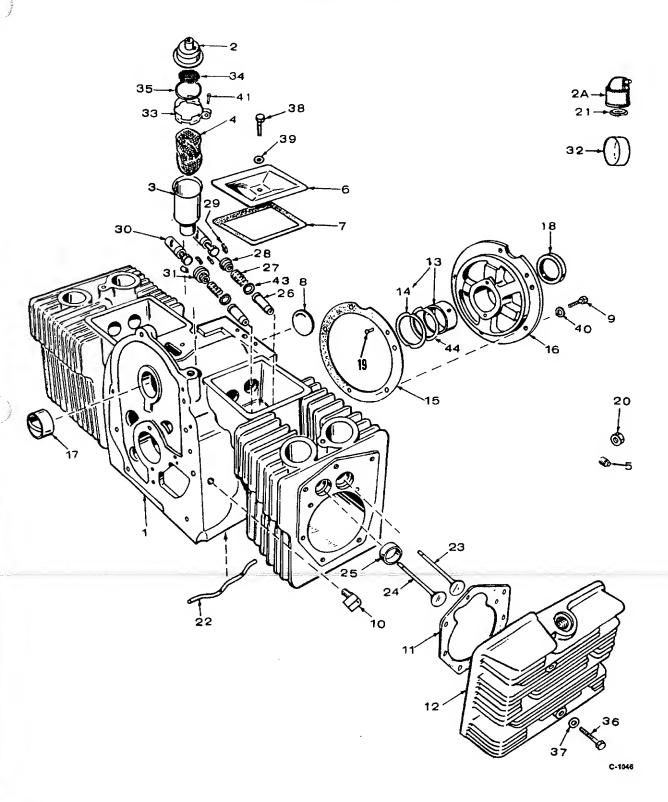
^{£ -} New model designations shown, begin during 1969. Previous designations used a V in the model to designate Vacu-Flo cooling.

CRANKSHAFT AND FLYWHEEL



REF. NO.	PART .NO.	QTY. USED	PART Description	REF.	PART NO.	QTY. USED	PART DESCRIPTION
1	104-1316	1	Crankshaft (Includes Parts	10	WASHER, FL	A'I-WHEE	L MOUNTING
			Marked *)		526-0017	1	Key 1 (15/32" ID x 1-1/4" OD x
2	515-0001	1	*Key Grankshaft Gear-Mounting				1/4" Thk)
3	515-0227	1	Key, Wheel Mounting (Kit) (Includes Parts Marked †)		526-0128	1	Key 2 (15/32" ID x 1-1/2" OD x 1/4" Thk)
	515-0002	1	†Key (#9-3/4" x 3/16")	11	850-0055	1	Washer, Lock - Spring Flywheel
	515-0098	1	*†Key (#61-5/8" x 3/16")				Mounting
4	104-0032	1	Gear, Crankshaft	12	SCREW, WHEEL MOUNTING		
5	104-0043	1	Washer, Crankshaft Gear		104-0170	1	Key 1
			Retainer		104-0369	1	Key 2 - Spec G and H
6	518-0014	1	Lock, Crankshaft Gear Washer		104-0170	1	Key 2 - Begin Spec J
7	KEY, CRANK	SHAFT	STUB (Order By Length)	13	192-0083	1	Roper, Manual Starting
	515-0198	1	2-1/2" lg	14	192-0296	1	Backplate - Rope Sheave
	515-0202	1	2-3/8" (g				(Optional - Key 2)
8	FLYWHEEL-	KEY 1 (Ir	ncludes Magnets: 2-160-0748, 2-160-0751)	15	134-0673	1	Ring Gear, Flywheel - Key 2
	160-0761 .	1	Spec G and H	16	192-0308	1	Sheave Rope (Optional -
	160-1072	1	Begin Spec J				Key 1, 2)
9	FLYWHEEL ((Includes	Ring Gear)				
	134-1684	1	Key 2 - Spec G and H	٠.	Parts Included	d in 104-1	316 Crankshaft Kit.
	134-2728	1	Key 2 - Begin Spec J	† -	Parts Included	in 515-0	227 Wheel Mounting Kit.

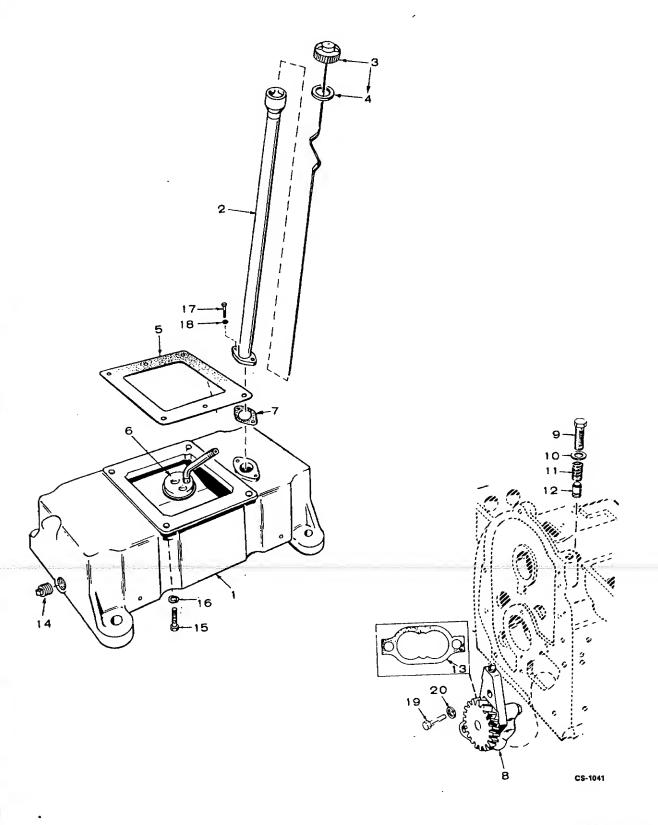
CYLINDER BLOCK



CYLINDER BLOCK

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-0915	1	Block Assembly, Cylinder	24	110-0880	2	Valve, Exhaust
•	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•	(Includes Parts Marked *)	25	INSERT, EXH	-	
2	123-0954	1	Cap and Valve, Breather -	20	110-0872	2	Standard
-		•	Begin Spec H		110-0872-02	2	.002" Oversize
2A	123-0787	1	Cap, Breather Tube -		110-0872-02	2	.002 Oversize
		•	Spec G Only		110-0872-03	2	.010" Oversize
3	TUBE, BREA	THER	opue a omy		110-0872-25	2	.025" Oversize
•	123-0868	1	Spec G Only	26	110-0902	4	Guide, Valve
	123-0953	1	Begin Spec H	27	110-0539	4	Spring, Valve
4	123-0865	1	Baffle, Breather Tube	28	110-0893	2	Washer, Spring Retainer -
5	505-0057	1	Plug (1/8"), Pipe - Oil Line	20	110-0033	2	Intake Valve
		•	Plug	29	110-0639	8	Lock, Valve and Spring
6	110-0666	2	Cover, Valve Compartment	20	110-0039	U	Retainer
7	110-0667	2	Gasket, Valve Cover	30	TAPPET, VAL	VE	netamer
8	517-0048	1	*Plug, Camshaft Expansion	30	115-0006	4	Standard
•	0 00.0	•	- Key 2		115-0006-05	4	.005" Oversize
9	800-0512	5	*Screw, Cap - Hex Head	31	110-0904	2	Rotocap, Exhaust Valve
·	300 0072	ŭ	Bearing Plate Mounting -	32	110-0304	1	*Cover, Timing Control-
			Replaces Stud and Nut Used	J.	110-1200	ſ	Key 1
			On Early Models (Special)	33	123-0951	1	Clamp, Breather Tube Cap -
10	502-0020	1	Elbow, Street - Oil Line	00	120-0931	,	Begin Spec H
11	110-0892	2	Gasket, Cylinder Head	34	123-0958	2	• •
12	HEAD, CYLI	_	Gusket, Cylinder Flead	34			Begin Spec H
	110-0883	1	Left Hand (#1)	35	509-0117	1	· .
	110-0884	1	Right Hand (#2)	33	505-0111	'	"O" Ring, Breather Tube
13			AFT - FRONT AND REAR	36	Cap - Begin Spec H SCREW, CAP-HEX HEAD-CYLINDER		
	101-0450	2	Standard - Begin Spec J	30	HEAD MOUN		AD-CILINDEN
	101-0450-02	2	.002" Undersize		110-0879	8	Special
	101-0450-10	2	.010" Undersize		114-0022	10	Special
	101-0450-20	2	.020" Undersize	37	526-0122	18	Washer, Flat - Cylinder
	101-0450-30	2	.030" Undersize	O,	320-0122	10	Head Mounting (11/32" ID
14	104-0575	2	*Washer, Crankshaft Bearing				x 23/32" OD x 10 Ga. Thk)
		_	Thrust	38	800-0012	2	Screw, Cap - Hex Head
15	101-0115	1	*Gasket Kit, Bearing Plate	00	000 00 12		Valve Cover Mounting
16	101-0316	1	*Plate, Rear Bearing				(1/4-20 x 2-1/4" lg)
		•	(Excludes Bearing)	39	526-0063	2	Washer, Flat - Valve Cover
17	101-0405	2	*Bearing, Camshaft Front and	05	020-0000	2	Mounting (17/64" ID x 7/16"
		-	Rear (Precision)				OD x 1/32" Thk)
18	509-0041	1	Seal, Bearing Plate	40	850-0045	5	Washer, Lock - Spring - Bearing
19	516-0072	2	*Pin, Main Bearing Stop	-10	030-0043	,	Plate Mounting (5/16")
20	110-0445	5	Nut, Bearing Plate Stud	41	809-0035	1	Screw, Tapping, Pan Head
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•	(Special) Used On Early		003-0033		Breather Clamp (#8 x 3/4")
			Models	42	516-0141	2	*Pin, Gear Cover Alignment
21	123-0315	1	Valve, Breather Tube -		110-3136		*Gasket, Intake Valve Guide
		,	Spec G Only		104-0776	1	Shim, Crankshaft Thrust Bearing
22	120-0386	1	*Tube, Crankcase Oil	44	104-0110	,	onini, Grankshan Fillust Bearing
23	110-0881	2	Valve, Intake	_			
	.,	-		* -	Parts Included	in 110-0	915 Cylinder Block Assembly.

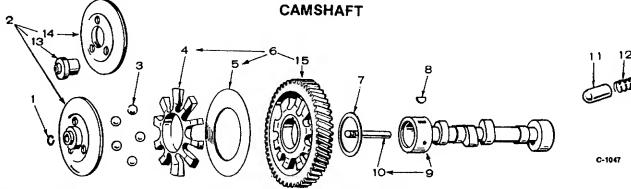
OIL SYSTEM



927-0404 (APRIL 1981)

OIL SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	BASE, OIL			10	526-0066	1	Washer, Flat - Oil By-Pass
	102-0468	1	Key 1				(25/64"ID x9/16"OD x 1/6"Thk)
	102-0339	1	Key 2 - Spec G and H	11	120-0140	1	Spring, Oil By Pass Valve
	102-0861	1	Key 2 - Begin Spec J	12	120-0398	1	Valve, Oil By Pass
2	TUBE, OIL FI	ILL		13	120-0161	1	Gasket Kit, Oil Pump
	123-0508	1	Spec G and H	14	PLUG, OIL	DRAIN	
	123-0674	1	Begin Spec J		505-0110	1	Some Early Models (3/8")
3	CAP AND IN	DICATOR	, OIL FILL		505-0056	1	Late Models (1/2")
	123-0506	1	Key 1 - Spec G and H	15	102-0455	4	Screw, Cap - Hex Head Oil Base
	123-0762	1	Key 1 - Begin Spec J				Mounting (Special)
	123-0527	1	Key 2 - Spec G and H	16	850-0050	4	Washer, Lock - Spring Oil Base
	123-0694	1	Key 2 - Begin Spec J				Mounting (3/8")
4	123-0191	1	Gasket, Oil Fill Cap	17	800-0004	2	Screw, Cap - Hex Head - Oil Fill
5	102-0158	1	Gasket, Oil Base				Tube Mounting(1/4-20 x 5/8" lg)
6	CUP, OIL PU	MP INTAI	KE	18	850-0040	2	Washer, Lock - Spring Oil Fill
	120-0413	1	Key 1				Tube Mounting (1/4")
	120-0648	1	Key 2	19	800-0007	2	Screw, Lock - Spring - Oil Pump
7	141-0078	1	Gasket, Oil Fill Tube				Mounting (1/4-20 x 1" lg)
			Mounting	20	850-0040	2	Washer, Lock - Spring - Oil
8	120-0491	1	Pump, Oil (Internal Parts Not Sold Separately)				Pump Mounting (1/4")
9	801-0048	1	Screw, Cap - Hex Head Oil By- Pass (3/8-24 x 3/4" lg)				

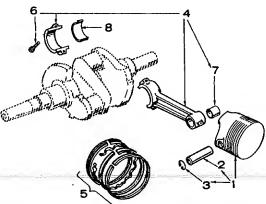


			Canal Control	5			
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
		0025				0320	
1	150-0078	1	Ring, Camshaft Center Pin	10	150-0075	1	*Pin, Center - Camshaft
2	150-1695	1	Cup, Governor (Kit) (Includes Parts Marked **)	11	105-0058	1	Plunger, Camshaft Thrust (Manually Controlled Engine)
3	510-0015	5	Ball - Governor	12	105-0059	1	Spring, Camshaft Plunger
4	150-1257	1	†Spacer, Governor Fly Ball, Begin Serial #370369 During Spec H	13	150-1519	1	(Manually Controlled Engine) "Hub, Governor Cup
5	150-0077	1	†Plate, Governor Fly Ball, Begin Serial #370369 During Spec H	14 15	150-1520 105-0030	1	"Cup and Bushing, Governor Cup †Gear, Camshaft
6	105-0332	1	Gear, Camshaft (Includes Parts Marked †)	٠.	Parts Includ	led in Can	nshaft Assembly.
7	105-0541	1	Washer, Camshaft Gear Thrust				-1695 Governor Cup Kit.
8	515-0001	1	Key, Camshaft Gear Mounting				-0332 Camshaft Gear Assembly.
9	CAMSHAFT	(Includes	Center Pin)	, -	i dita menu	iea iii 105	-0002 Camshall Gear Assembly.

KEY 1

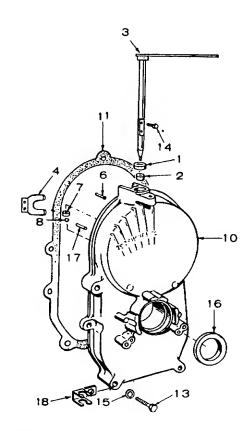
Spec G and H Begin Spec J Key 2 105-0234 105-0295 105-0238

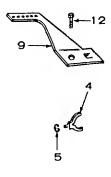
PISTON AND ROD



TION
cting Rod
1 -

GEARCASE



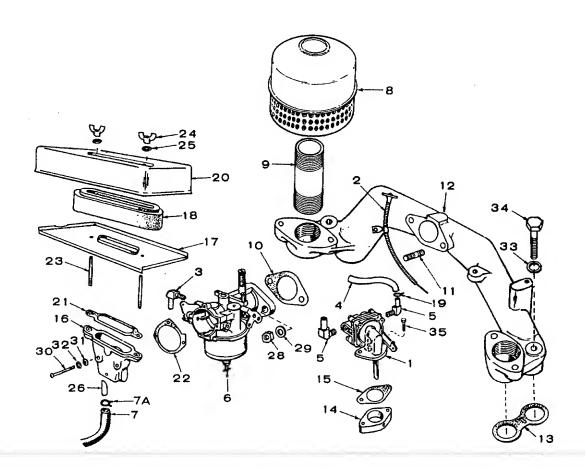


C-1048

REF. NO.	PART NO.	QTY. USED		REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION		
1	509-0008	1	†*Seal, Oil - Governor Shaft	10	COVER ASS	SEMBLY,	GEAR		
2	510-0013	1	†*Bearing, Governor Shaft Upper (Spec J Use 2)		103-0655	1	Spec G and H (Includes Parts Marked *)		
3	ARM & SHA	FT ASSE	MBLY, GOVERNOR		103-0480	1	Begin Spec J		
	150-1422	1	†Begin Spec J				(Includes Parts Marked †)		
	150-1315	1	*Spec G and H	11	103-0011	1	Gasket, Gear Cover		
4	YOKE, GOV	ERNOR S	SHAFT	12	815-0181	1	Screw, Cup - Hex Head with		
	150-1187	1	t*Begin Spec J				External Lock Washer		
	150-0620	1	Spec G and H				(#10-32 x 1/2" lg)		
5	518-0129	1	Ring, Yoke Retainer -	13	SCREW, CAP-HEX HEAD				
			Spec G and H		800-0034	1	5/16-18 x 2-1/4" lg		
6	516-0130	1	†*Pin, Governor Cup Stop		800-0032	4	5/16-18 x 1-3/4" lg		
7	BEARING, C	SOVERNO	OR SHAFT — LOWER	14	815-0046	2	†*Screw, Machine - Pan Head		
	510-0013	1	*Begin Spec J				Yoke Mounting		
	510-0008	1	*Spec G and H				(#8-32 x 3/8" lg)		
8	510-0014	1	†*Ball, Bearing - Governor				Begin Spec J		
			Shaft	15	850-0045	5	Washer, Lock-Spring-Gear Cover		
9	EXTENSION	I, GOVEF	RNOR ARM - STANDARD GOVERNORS				Mounting (5/16")		
	ONLY			16	509-0040	1	†*Seal, Gear Cover		
	150-1000	1	Spec G Only	17	516-0141	2	Pin, Gear Cover Alignment		
	150-1073	1	Begin Spec H				(5/16 x 1-1/8" lg)		
				18	167-0188	1	Clip, Oil Fill Mtg Tube		

- * Parts Included in 103-0655 Gear Cover Assembly. † Parts Included in 103-0480 Gear Cover Assembly.

FUEL SYSTEM



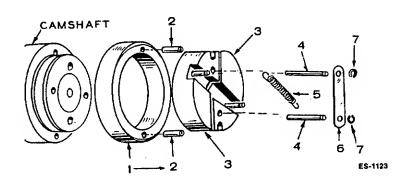


FS-1199

FUEL SYSTEM

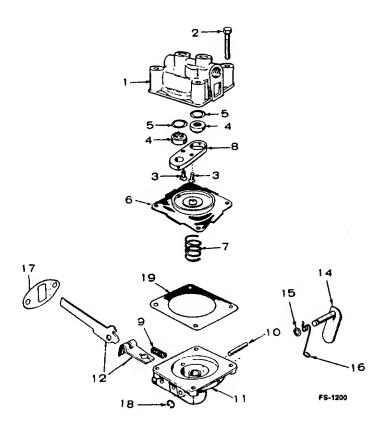
REF. NO.	PART NO.	QTY. USED	PART	REF.	PART	QTY.	PART			
			DESCRIPTION	NO.	NO.	USED	DESCRIPTION			
1	PUMP, FUEL	Include	es Mounting Gasket	15	149-0003	2	†Gasket, Fuel Pump Mounting			
	(Includes Parts Marked †)			16	-	ADAPTER, AIR CLEANER				
			for Components)		140-0760	1	Spec G Only			
	149-1792	1	Key 1		140-1304	1	Begin Spec H			
_	149-1784	1	Key 2	17	PAN, AIR C					
2	149-1024	1	Rod, Fuel Pump Primer -		140-0828	1	Spec G Only			
			Key 1		140-0595	1	Begin Spec H			
3	ELBOW, CAP		- · - ·	18	140-0636	1	Element, Air Cleaner			
	502-0313	1	Begin Spec J	19	503-0301	2	Clamp, Fuel Pump to			
	502-0065	1	Spec G and H				Carburetor Hose			
4			CARBURETOR	20	140-0594	1	Cover, Air Cleaner			
	149-1025	1	Spec G Only - Metal	21	140-0584	1	Gasket, Air Cleaner			
	149-1097	1	Spec H Only - Metal	22	-		TO CARBURETOR			
_	503-0669	1	Begin Spec J - Rubber		140-0585	1	Spec G Only			
5	ELBOW, FUE				140-1302	1	Begin Spec H			
	502-0313	2	Inlet and Outlet - Begin		140-1087	1	Begin Spec J - Key 1			
			Spec J		520-0621	2	Stud. Air Cleaner			
	502-0002	1	Outlet - Spec G and H	24	865-0020	2	Nut (1/4-20) Wing			
_	502-0020	1	Inlet - Spec G and H	25	526-0063	2	Washer (1/4")			
6	CARBURETO	OR, GASC	LINE - MANUAL CHOKE	26	123-0893	1	Tube, Adapter to Breather Hose			
			sket (See Separate	27	526-0063	2	Washer, (Copper), Pump			
	Groups for C		ts) (Includes				Mounting - Used on Early			
	Parts Marked	,					Models			
	141-0774	1	Spec G	28	868-0002	2	Nut (5/16-24) - Carburetor			
_	141-0878	1	Begin Spec H				Mounting			
7	HOSE, BREA			29	854-0017	2	Washer, Shakeproof -			
	503-0479	1	Spec G Only				Carburetor Mounting (5/16")			
	503-0546	1	Begin Spec H	30	813-0108	2	Screw (10-32 x 1/2"), Round			
7A	CLAMP, BRE						Head - Air Inlet to Carburetor			
	503-0170	1	5/8"	31	526-0241	2	Washer (#10) - Flat Air Inlet			
_	503-0171	1	11/16"				Mounting			
8	155-0916	2	Muffler, Exhaust	32	WASHER, L					
9	505-0086	2	Nipple (1 x 2-1/2"), Exhaust		850-0030	2	Air Inlet Mounting (#10)			
10	141-0281	1	*Gasket, Carburetor Mounting	33	850-0050	2	Intake Manifold Mounting (3/8")			
11	520-0526	2	Stud, Carburetor Mounting	34	800-0057	2	Screw (3/8-16 x 2-3/ 4") - Intake			
12	154-1161	1	Manifold, Intake				Manifold Mounting			
13	154-0013	2	Gasket, Intake Manifold to Cylinder Block	35	806-0009	2	Screw, Counterbore - Fuel Pump Mounting			
14	149-0045	2	Spacer, Fuel Pump Mounting (Spec J - Use 1)		505-0008	2	†Plug (Not Shown)			
				٠.	Parts Includ	ed in 141-	0774/141-0878 Carburetor Kit.			
					D. A. L. at at		470 474 40 4700 E 1 D 1774			

SPARK ADVANCE MECHANISM - KEY 1



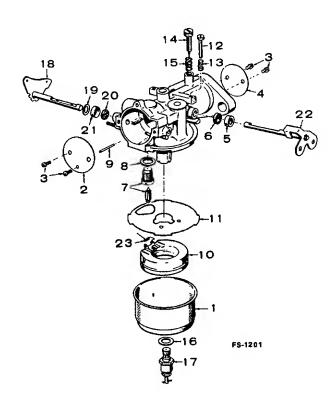
REF.	PART	QTY.	PART	REF	DADT	077	2427
NO.	NO.	USED	DESCRIPTION	NO.	. PART NO.	QTY. USED	PART DESCRIPTION
1	160-0791	1	Cam, Timing Control	5	SPRING.TIM	NG CON	TROL
2	516-0144	4	Pin, Roll (7/16")		160-0727	1	Spec G and H
3	WEIGHT AS	SEMBLY (Includes Pins) -		160-1051	1	Begin Spec J
	TIMING C	ONTROL		6	160-0726	1	Retainer, Timing Control
	160-0789	2	Magneto Ignition (Spec G and H)				(Spec G and H)
	160-1049	2	Begin Spec J	7	RING. RETAIL	NING - TIM	AING CONTROL
	160-0790	2	Battery Ignition (Spec G and H)		518-0185	2	Spec G and H
	160-1198	2	Begin Spec J		518-0129	2	Begin Spec J
4	PIN, GROON	VE-TIMIN	G CONTROL			_	209 0 200 0
	516-0146	2	Spec G and H				
	516-0172	2	Begin Spec J				

FUEL PUMP PARTS



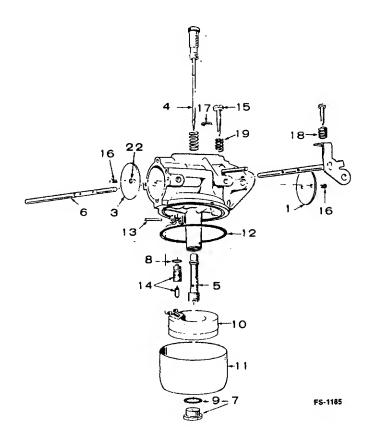
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	PUMP, FUE	L (Include	s Mounting Gasket)	10	516-0113	1	Pin, Rocker Arm
	149-1792	1	Key 1	11		1	Body (Not Sold Separately)
	149-1784	1	Key 2	12	149-0710	1	Link and Arm. Rocker (Sold only as a set)
	149-0526	1	Kit, Fuel Pump Repair (Includes Parts Marked *)	14	LEVER, PRIN	MER .	Key 1
	149-0003	1-	'Gasket, Mounting		149-1042 149-0551		Key 2
1		1	Body (Not Sold Separately)	45	509-0065	'n	Seal, "O" Ring
2	815-0148	4	Screw (#8-32 x 7/8")	15 16	SPAING.PR	IMER LEV	
3	815-0147	2	Screw (#8-32 x 7/8")		149-1044	1	Key 1
			Phillips - Valve Retainer		149-0404	1	Key 2
4	149-0096	2	*Valve and Cage	17	149-0003	1	'Gasket, Pump Mounting
5	149-0095	2	*Gasket, Valve	18	518-0129	1	Ring, Retainer - Primer
6	149-0582	1	*Diaphragm Assembly				Lever
7	149-0672	1	*Spring (Replaces 149-0093)	19	149-0858	1	*Gasket, Diaphragm - Lower
8	149-0539	1	Retainer, Valve Cage				Side
9	149-0675	1	*Spring (Replaces 149-0094)	٠.	Parts Include	ed In 149-	0526 Repair Kit.

CARBURETOR PARTS - GASOLINE - BEGIN SPEC H



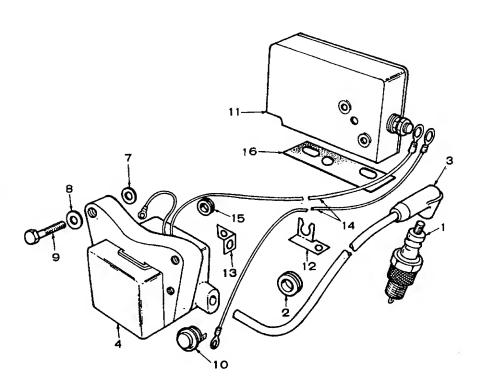
REF.		QTY.		REF. NO.	PART NO.	QTY. USED	
NO.	NO.	USED				0020	
	CARBURETOR, GASOLINE (Includes			11	141-0701	1	£*Gasket, Bowl to Body
	Mounting Ga	askets)		12	141-0700	1	Screw, Throttle Stop
	141-0878	1	Manual Choke	13	141-0711	1	Spring, Throttle Stop
	141-0747	1	Kit, Carburetor Repair	14	NEEDLE, A	DJUSTIN	G
			(Includes Parts Marked 1)		141-0713	1	Gasoline Units
	141-0748	1	Kit, Carburetor Gasket	15	SPRING, ID	LE NEED	LE
			(Includes Parts Marked £)	16	141-0077	1	£'Washer, Main Jet Assembly
	141-0281	1	£*Gasket Carburetor Flange	17	141-0712	1	Jet Assembly, Main (Adjustable)
1	141-0708	1	Bowl, Fuel	18	SHAFT, CH	OKE	
2	141-0741	1	Plate, Choke		141-0742	1	Manual Choke Units
3	141-0698	4	Screw & Washer, Choke and	19	141-0699	1	Washer
			Throttle Plate Mounting	20	141-0697	1	£*Seal, Felt
4	141-0706	1	Plate, Throttle	21	141-0203	1	*Retainer, Felt Seal
5	141-0705	1	*Retainer, Seal	22	141-0709	1	Shaft and Lever, Throttle
6	141-0661	1	£*Seal, Rubber	23	141-0799	1	*Spring, Float
7	141-0830	1	*Valve Seat Assembly, Fuel				
8	141-0811	1	£Washer, Fuel Valve Seat	•	Parte Includ	ed 141-0	747 Carburetor Repair Kit.
9	141-0703	1	*Shaft, Float				748 Carburetor Gasket Kit.
10	141-0702	1	Float Assembly	~ `	- raits molac		

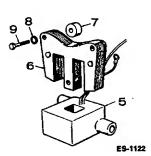
CARBURETOR - GASOLINE - SPEC G ONLY



REF. NO.	PART NO.	QTY. USED		REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	CARBURET	OR, GAS	OLINE (Includes Mounting Gasket)	10	143-0105	1	Float and Lever
	141-0774	1	Manual Choke	11.	143-0210	1	Bowl
	143-0332	1	Kit, Carburetor Repair (Includes	12	143-0077	1	*Gasket, Bowl Ring
			Parts Marked **)	13	141-0703	1	**Pin, Float Lever
	143-0201	1	"Kit, Carburetor Gasket (Includes	14	143-0341	1	**Valve, Fuel Inlet
			Parts Marked *)	15	143-0213	1	Screw, Idle Adjusting
	141-0281	1	*Gasket, Carburetor Flange	16	812-0014	4	**Screw (#3-48 x 3/16") - Choke
1	143-0202	1	Valve, Throttle				and Throttle Valve
3	143-0220	1	Valve, Choke - Manual Choke	17	143-0110	1	Plug, Expansion
4	143-0330	1	**Needle, Idle Jet and High Speed Adjusting	18	143-0214	1	Spring, Throttle Adjusting Screw
5	143-0329	1	**Nozzle	19	143-0112	1	Spring, Idle Adjusting Screw
6	143-0221	1	Shaft and Lever, Choke	22	854-0003	4	**Washer, Lock (IT #3)
7	143-0208	1	Screw and Gasket, Bowl				
8	143-0015	1	*Gasket, Fuel Inlet Valve		Parte Includ	ad in 142	-0201 Carburetor Gasket Kit.
9	143-0209	1	*Gasket, Bowl Screw				-0332 Carburetor Repair Kit.

IGNITION SYSTEM (MAGNETO) - KEY 1

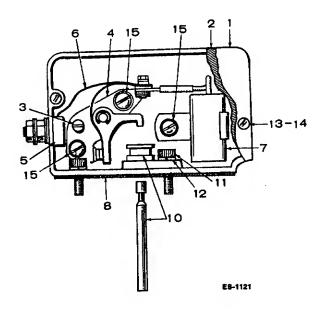




REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	PLUG, SPAF	RK		5	160-0750	1	*Coll, Magneto Stator
	167-0241	2	Non-Resistor Type	6	160-0749	1	Pole Shoe, Magneto Stator
	167-0237	2	Resistor Type	7	526-0015	2	Washer, Flat (9/32" ID x
2	508-0095	2	Grommet, Rubber - Spark				9/16" OD x 1/16" THK)
			Plug Cables	8	526-0184	2	Washer, Flat (17/64" ID x
3	CABLE, SPA	ARK PLUG					5/8" OD x #10 Gauge)
			Key 1	9	815-0259	2	Screw Cap - Hex Head (1/4-20 x
	167-1404	1	Right Hand - Spec G and H				1-1/4" lg)
	167-1593	1	Right Hand - Begin Spec J	10	313-0018	1	Switch, Stop
	167-1403	1	Left Hand - Spec G and H	11	160-0257	1	Box Assembly, Breaker (See
	167-1594	1	Left Hand - Begin Spec J				Separate Group for Complete
			Key 1				Breakdown)
	167-1073	1	Right Hand - Spec G and H	12	167-0188	4	Clip, Spark Plug Cable
	167-1593	1	Right Hand - Begin Spec J	13	332-0273	1	Clip, Magneto Lead
	167-1330	1	Left Hand - Spec G and H	14	334-0028	1	Lead, (4' pieces of wire)
	167-1593	1	Left Hand - Begin Spec J	15	508-0002	1	Grommet, Magneto Lead
4	160-0752	1	Stator Assembly, Magneto	16	160-0043	1	Gasket, Ignition Breaker Box
			(Includes Parts Marked *)				Mounting

^{* -} Parts Included in 160-0752 Magneto Stator Assembly.

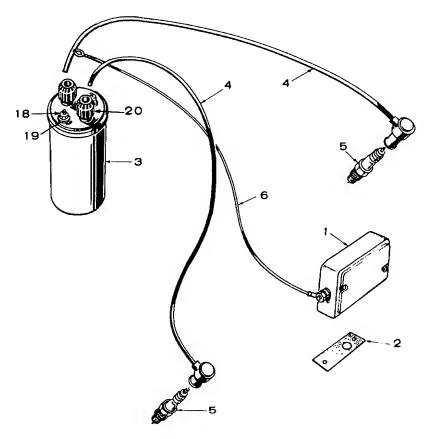
IGNITION BREAKER BOX



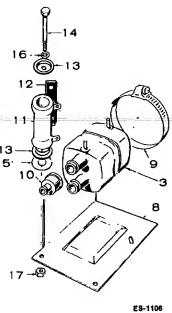
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART <u>D</u> ESCRIPTION
	160-0257	1	Box Assembly, Breaker -	7	312-0069	1	*Condenser, Ignition Points
			Complete (Includes Mounting	8	160-0043	1	*Gasket, Breaker Box Mounting
			Gasket, Washer and	10	160-0262	1	*Guide and Plunger, Ignition
			Screws) (Includes Parts Marked *)	11	802-0034	2	*Screw, Cap - Socket Head (1/4-20 x 3/4" lg)
1	160-0930	1	*Cover, Breaker Box	12	850-0040	2	*Washer, Lock - Spring (1/4")
2	160-0150	1	*Gasket, Breaker Box Cover	13	850-0025	2	*Washer, Lock - Spring (#8)
3	160-0075	1	*Cam, Breaker Point Gap Adjusting	14	812-0077	2	*Screw, Machine - Round Head (#8-32 x 3/8" lg)
4	160-0002	1	*Point Set Breaker	15	518-0049	3	*Screw, Machine - Round Head
5	160-0349	1	*Block and Terminal Assembly				W/External Tooth -
6	160-0428	1	*Strap, Point Set to Terminal				(#8-32 x 1/4" lg)

^{* -} Parts Included in 160-0257 Breaker Box Assembly.

IGNITION SYSTEM (BATTERY) - KEY 2







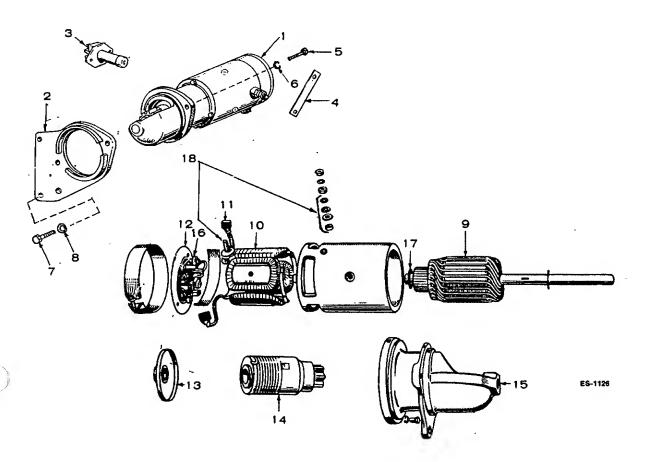
927-0404 (APRIL 1881)

IGNITION SYSTEM (BATTERY) - KEY 2

REF. NO.	PART NO.	QTY. USED	PART Description	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	160-0257	1	Box, Breaker - Complete (See Separate Group for Complete	8	166-0402	1	Bracket, Coil Mounting - Spec G and H
			Breakdown of Components)	9	503-0514	1	Clamp, Coil - Spec G and H
2 3	160-0043 COIL, IGNIT	1 TION	Gasket, Breaker Box Mounting	10	160-0558	2	Nipple, Rubber Coil - Spec G and H
	166-0346	1	Spec G and H	11	304-0060	1	Resistor, Ignition - Spec G and H
4	166-0535 CABLE, SPA	1 NRK PLUG	Begin Spec J	12	304-0610	1	Support, Resistor Terminal - Spec G and H
	167-1404 167-1073	1	Key 1 Spec G and H R/H Key 2 Spec G and H R/H	13	304-0014	2	Washer, Resistor Mounting Spec G and H
	167-1403 167-1330 167-1594	1 1	Key 1 Spec G and H L/H Key 2 Spec G and H L/H Key 1 Begin Spec J L/H	14	813-0112	1	Screw, Machine - Round Head Resistor Mounting Spec G and
	167-1595 167-1593 167-1596	1	Key 2 Begin Spec J (24") Key 1 Begin Spec J R/H	15	526-0179	1	H (#10-32 x 2-1/2" Ig) Washer, Flat - Resistor Mounting (Spec G and H)
5	SPARK PLU	I G IGNITH	Key 2 Begin Spec J (15")	16	854-0010	1	(7/32"ID x 5/8"OD x 1/16"Thk) Washer, Lock - Internal
·	167-0241	2	Non-Resistor Type	10	034-0010	•	Shakeproof-Resistor Mounting
	167-0237	2	Resistor Type				Spec G and H (#10)
	166-0702	1	Kit, Lead Replacement (Includes Parts Marked *)	17	870-0053	1	Nut, Hex - Resistor Mounting Spec G and H (#10-32)
6	336-4414	1	*Lead Assembly, Coil to Breaker Box - Begin Spec J	18 19	166-0554 850-2005	1	*Nut, Hex (Special) *Washer, Lock (MS)
7	308-0002	1	Switch, Ignition On/Off	20	166-0604	2	Nut, Ignition Coil

^{* -} Parts Included in 166-0702 Lead Replacement Kit.

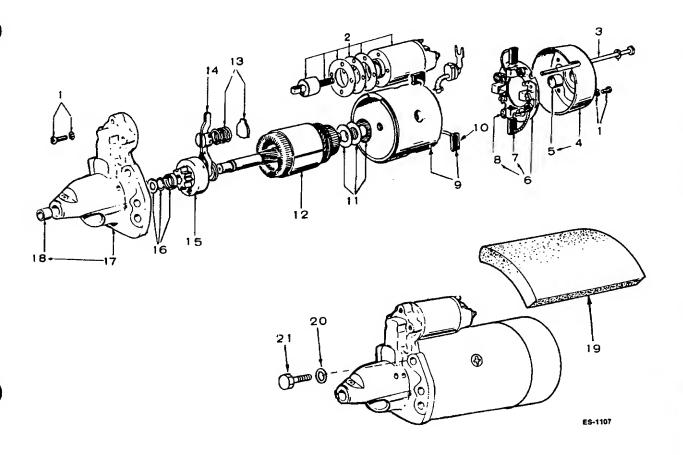
STARTER - SPEC G AND H



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-0511	1	Starter Motor - (Includes Parts	9	191-0517	1	'Armature
			Marked ')	10	191-1017	1	*Coil Assembly Package, Field
2	191-0508	1	Flange, Starter Motor Mounting	11	191-0513	1	*Brush Set, Service
3	308-0028	1	Switch, Start	12	191-1018	. 1	*Head Assembly, Commutator
4	332-0570	1	Jumper, Starter to Switch				End Band, Cover (Not Sold
5	SCREW, CA	P-HEX HE	AD-STARTER MOTOR MOUNTING				Separately)
	800-0049	1	3/8-16 x 7/8" lg	13	191-1019	1	*Bearing Assembly, Intermediate
	800-0050	1	3/8-16 x 1" lg	14	191-0271	1	*Drive Assembly, Bendix
6	850-0050	2	Washer, Lock - Spring Starter	15	191-0735	1	*Bearing, Drive End
			Motor Mounting (3/8")	16	191-1020	1	*Spring, Brush (Set of 4)
7	102-0455	3	Screw, Cap - Hex Head - Starter Motor Flange Mounting	17	191-1021	1	*Washer, Armature Thrust (pkg.) Use as required
8	850-0050	3	Washer, Lock - Spring - Starter Motor Flange Mounting (3/8")	18	191-1022	1	*Stud. Terminal (pkg)

^{* -} Parts Included in 191-0511 Starter Motor

STARTER - BEGIN SPEC J



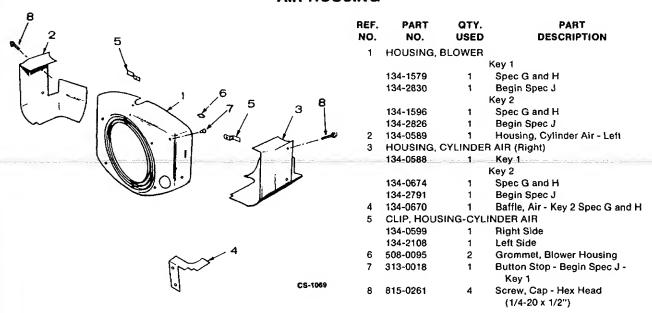
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-1052	1	Starter (Includes Parts Marked *)	10	191-1005	2	*Brush, Starter (Positive)
1	191-1011	1	*Screw & Washer Set	11	191-0997	1	*Insulating, Washer Set
2	191-0987	1	*Solenoid Assembly	12	191-1088	1	*Armature, Starter
3	191-0988	2	*Bolt - Hex Washer Head	13	191-0984	1	*Plate & Spring Set
. 4	191-1009	1	*Bracket, Rear - Starter (Includes	14	191-0983	1	Lever, Clutch
			Rear Sleeve Bearing)	15	191-1087	1	*Clutch & Pinion Gear
5	191-1010	1	*Bearing, Sleeve (Rear)	16	191-0991	1	*Stop Retaining Set - Pinion Gear
6	191-1006	1	*#Holder, Brush (Includes Negative Brush and Brush Springs)	17	191-1086	1	*Bracket, Front - Starter (Includes Front Sleeve Bearing)
			(Includes Parts Marked △)	18	191-0971	1	*Bearing, Sleeve (Front)
7	191-1008	1 #	Δ*Brush, Starter (Negative)	19	191-1076	1	Seal, Air Begin Spec J
8	191-1007		∆"Spring, Helical, Compression (Brush)	20	850-0050	2	Washer, Lock - Spring - Starter Mounting
9	191-1089	1	Yoke Assembly, (Includes Frame, Pole Shoes, Field Coil and Replaceable Positive Brushes)	21	800-0050	2	Screw. Cap - Hex Head - Starter Motor Mounting (3/8-16 x 1")

- # Early Brush Holder equipped with Two (2) Negative Brushes and Four (4) Brush Springs-Completely Interchangeable with Current Brush Holder.
- * Parts Included in 191-1052 Starter Motor
- $\Delta\,$ Parts Included in 191-1006 Brush Holder Assembly.

GOVERNOR

EF. 10.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-0098	1	Spring, Governor
2	150-1023	1	Stud, Speed Adjustment
3	150-1262	1	Bracket, Speed Stud
4	870-0131	1	Nut, Speed Adjusting (#10-32)
5	JOINT, BALL		, op 100 may (100 02)
	150-0974	2	Spec G Only
	150-0939	2	Begin Spec H through Serial #540766 During Spec H-Plastic
	150-0639	2	Begin Serial #540767 During Spec H - Metal
	LINK, THROT	TLE	•
	520-0187	1	Spec G and Begin Serial #540767 During Spec H
	520-0623	1	Begin Spec H through Serial #540766 During Spec H
	870-0053	2	Palnut, Locking
	870-0131	2	Nut, Keps - Locking Ball Joint (#10-32)
	526-0196	2	Washer, Flat - Ball Joint (7/32"ID x 7/16"OD x 1/8"Thk)
)	821-0010	1	Screw, Self Lock - Hex Washer Head (1/4-20 x 1/2")

AIR HOUSING



SERVICE KITS AND MISCELLANEOUS

NOTE: For other kits, refer to the group for the part in question.

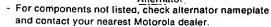
REF.	PART	QTY.	PART
NO.	NO.	USED	DESCRIPTION
	98-1100	1	Decal Kit, Set
	160-0836	1	Ignition Tune-up Kit
	168-0103	1	Gasket Kit, Complete Engine
	168-0095	1	Gasket Kit, Carbon Removal
	ENGINE OVE	RHAUL I	KIT -
	522-0225	1	Spec G Only
	522-0239	1	Begin Spec H
	TOUCH-UP I	PAINT (P	ressurized Can)
	525-0137	1	Metallic Green (13 oz.)
	525-0305	1	Non-Metallic Green (13 oz.)
	525-0454	1	Greige Enamel (13 oz).

OPTIONAL EQUIPMENT SECTION

This section contains parts listing of factory installed options. NOTE: options may not be applicable to all models; for field installations, additional parts are usually required.

OPTION 1 ALTERNATOR (AUTOMOTIVE TYPE - LEFT SIDE MOUNTING)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-1233	1	*Alternator Assembly (Includes Parts Marked †) (35 Ampere, 12 Volt)-Motorola #RA-12NON451
	191-1232	1	†Alternator, 35 Amp
2	191-1243	•	†*Regulator, Voltage
3	191-0623	1	†Pulley, Alternator
4	BRACKET, A	ALTERNA	TOR MOUNTING
	191-0537	1	Pressure Cooled Engine
	191-0539	1	Vacu-Flo Cooled Engine
5	191-0535	1	Bracket, Alternator Adjusting
6	511-0051	1	Belt, Drive
7	191-0134	1	Pulley, Drive - Vacu-Flo Cooled Engine
8	191-0659	1	Brush and Holder Assembly (Part of 191-0573 Alternator)
9	191-0671	1	Diode Assembly, Isolation (Part of 191-0573 Alternator)
10	191-0662	1	Diode Assembly, Rectifier - Negative (Part of 191-0573
11	191-0661	1	Alternator) Diode Assembly, Rectifier - Positive (Part of 191-0573 Alternator)



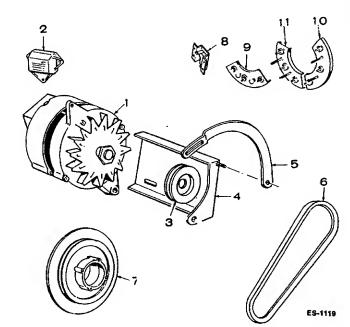
^{† -} Parts included in 191-1233 Alternator Assembly.

511-0076

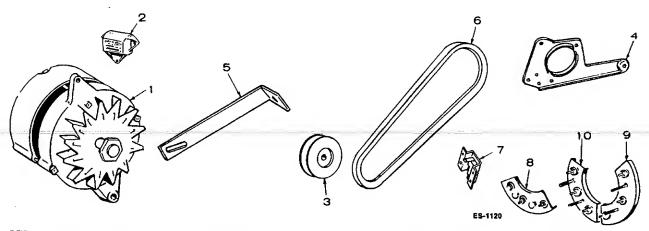
Belt, Drive

Brush and Holder

(Part of 191-0573 Alternator)



OPTION 2 ALTERNATOR (AUTOMOTIVE TYPE - RIGHT SIDE MOUNTING)



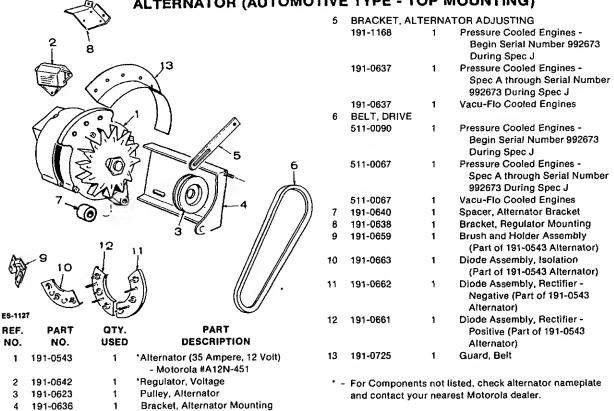
REF. NO.	PART NO.	QTY. USE		REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-1233	1	*Alternator Assembly (Includes Parts Marked †) (35 Ampere,	8	191-0671	1	Diode Assembly, Isolation (Part of 191-0573 Alternator)
			12 Volt)-Motorola #RA-12NON451	9	191-0662	1	Diode Assembly, Rectifier - Negative (Part of 191-0573
	191-1232	1	†Alternator, 35 Amp				Alternator)
2	191-1243	1	†*Regulator, Voltage	10	191-0661	1	Diode Assembly, Rectifier -
3	191-0623	1	†Pulley, Alternator				Positive (Part of 191-0573
4	191-0575	1	Bracket, Alternator and Starter Mounting				Alternator)
5	191-0576	1	Bracket, Alternator Adjusting	٠.	For compon	ents not lis	sted, check alternator namenlate

For components not listed, check alternator nameplate and contact your nearest Motorola dealer.

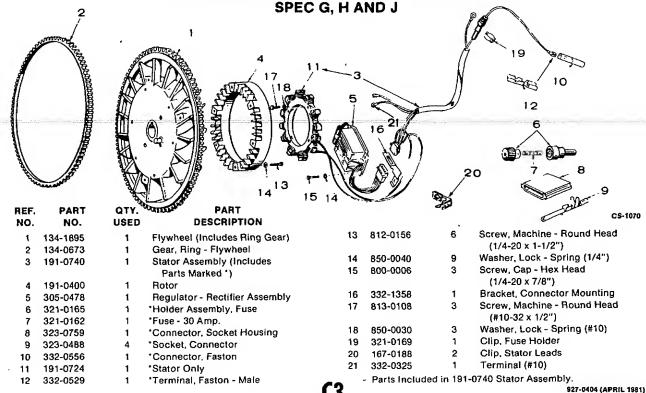
927-0404 (APRIL 1981)

^{† -} Parts Included in 191-1233 Alternator Assembly.

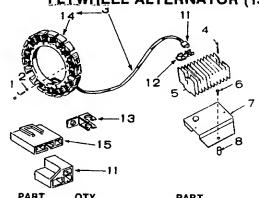
OPTION 3 ALTERNATOR (AUTOMOTIVE TYPE - TOP MOUNTING)



OPTION 4 FLYWHEEL ALTERNATOR (20 AMP WICO) - KEY 2



OPTION 5 FLYWHEEL ALTERNATOR (15 AMPERE PHELON) - KEY 2 - BEGIN SPEC J



	√ 15		
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	813-0143	3	Screw, Machine - Round Head Cross Recessed (#10-32 x 1-3/8")
2	850-0030	3	Washer, Lock - Spring (#10)
3	191-1256	1	Stator Assembly (Includes Par Marked *)
4	821-0018	2	Screw, Cap-Hex Head - Self Locking (1/4-20 x 5/8")
5	191-0886	1	Regulator, Voltage
6	821-0012	2	Screw, Cap - Hex Head - Self Locking (1/4-20 x 1-1/8")

191-0939

323-0882

323-0881

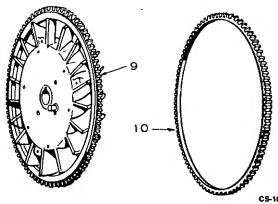
Regulator, Voltage

Contacts)

Contacts)

Plug, Connector (3 Female

Cap, Connector (3 Male

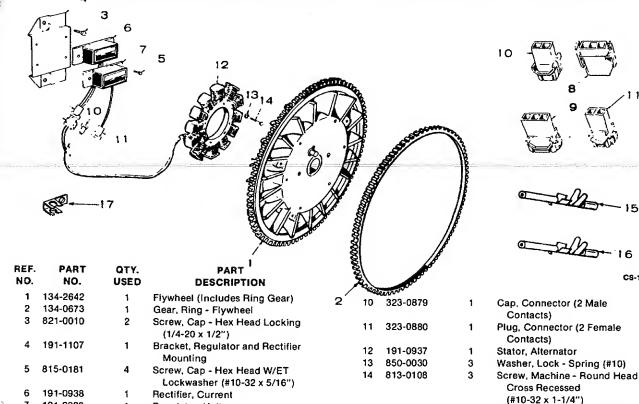


			Transfer of the same of the sa
			CS-10
7	191-1107	1	Bracket, Regulator Mounting
8	134-2100	2	Spacer, Regulator Mounting
9	134-2621	1	Flywheel (Includes Ring Gear)
10	134-0673	1	Gear, Ring - Flywheel
11	323-0853	1	*Body, Connector
12	332-2073	3	*Terminal
13	167-0188	2	Clip, Stator Leads
14	191-1254	1	*Stator Only
15	323-1075	1	*Body, Connector

^{* -} Parts Included in 191-1256 Stator Assembly.

CS-1072

OPTION 6 FLYWHEEL ALTERNATOR (20 AMPERE SYNCRO) - KEY 2 - BEGIN SPEC J



323-0488

323-0496

167-0188

15

16

5

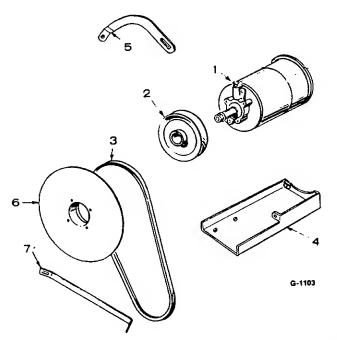
Contact, Connecting - Female

927-0404 (APRIL 1981)

Contact, Connecting - Male

Clip, Stator Leads

OPTION 7 GENERATOR(AUTOMOTIVE TYPE)

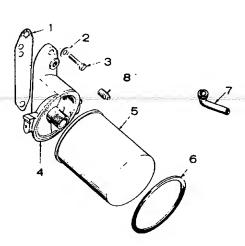


EF. 10.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-0277	1 -	Generator
2	191-0229	1	Pulley, Generator
2	511-0051	1	Belt, Generator Drive
4	BRACKET,	GENERATO	RMOUNTING
	191-0279	1	Pressure Cooled
	191-0304	1	Vacu-flo Cooled
5	191-0280	1	Bracket, Generator Adjustin
6	191-0134	1	Pulley, Generator Drive - Vacu-flo Cooled
7	191-0305	1	Brace, Generator Mounting Bracket - Vacu flo Cooled
6	191-0304 191-0280 191-0134	1 1 1 1	Vacu-flo Cooled Bracket, Generator Adj Pulley, Generator Drive Vacu-flo Cooled Brace, Generator Moun

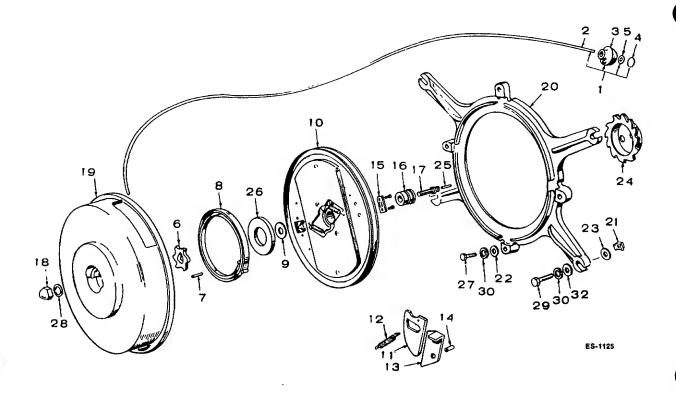
† - For components, check nameplate and contact your nearest Delco Remy Dealer.

OPTION 8 OIL FILTER

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	122-0321	1	Gasket
2	526-0065	2	Washer, Flat - Copper (21/64" ID x 9/16" OD x 1/16" Thk)
3	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")
4	122-0320	1	Adapter, Filter
5	122-0323	1	Filter, Spin-On
6	122-0347	1	Seal, Air
7	122-0345	1	Tube, Oil Drain
8	505-0057	1	Plug, Adapter Outlet (1/8")

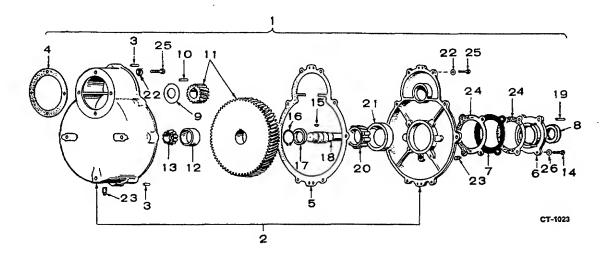


OPTION 9 READI-PULL STARTER - KEY 1



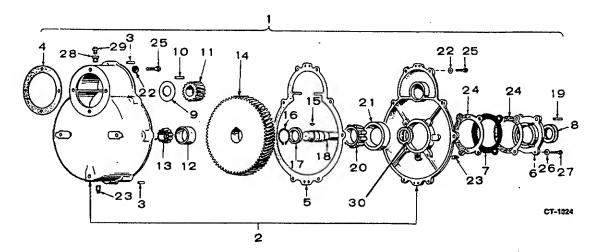
EF.	PART NO.	QTY		REF. NO.	PART NO.	QTY.	
	KIT. START	ER-CON	MPLETE	21	870-0110	4	†ΔNut. Speed Grip
	192-0325	1	Begin Spec E (Includes Parts Marked †)	22	526-0180		†ΔWasher, Flat (17/16" ID x 7/8" OD x 1/8" Thk)
	192-0215	1	Specs A through D (Includes Parts Marked Δ)	23	526-0130	4	†ΔWasher, Flat (17/64" ID x 1" OD x 1/16" Thk)
1	192-0045	1	†ΔRope and Grip Assembly	24	192-0309	1	tWheel, Ratchet - Begin Spec E
			(Includes Parts Marked D)	25	516-0132		†ΔPin, Spiral - Brass
2	192-0043 192-0044		†∆□Rope †∆□Grip	26	526-0168	1	†ΔWasher, Flat (1-15/32" ID x 3" OD x .047" Thk)
4	517-0025		t∆□Plug, Grip	27	815-0137	4	†ΔScrew, Cap - Hex Head
5	526-0021		†∆□Washer, Flat (17/64" ID x				(1/4-20 x 1-1/4")
_			3/4" OD x 1/16" TEX.	28	850-0050		†∆Washer, Lock - Spring (3/8")
6 7	192-0153 516-0138	1	†ΔWheel, Cog †ΔPin, Roll	29	800-0007	4	†ΔScrew, Cap - Hex Head (1/4-20 x 1-1/4")
8	192-0039	1	†ΔSpring, Recoil	30	850-0040	8	t∆Washer, Lock - Spring (1/4")
9	526-0123	1	†∆Washer, Thrust	31	815-0137	2	†ΔScrew, Cap - Hex Head
10	192-0180	1	†ΔSheave, Rope (includes Parts				(1/4-20 x 1-1/4")
			Marked *)	32	526-0158	4	†∆Washer, Flat (.261" ID x
11	192-0172		†∆*Pawl				1" OD x 1/8" Thk)
12	192-0165		†∆*Spring, Pawl	33	526-0015	2	†∆Washer, Flat (9/32" ID x
13	192-0168		†∆*Arm, Ratchet				9/16" OD x 1/16" Thk)
14	516-0110	4	†Δ*Pin, Roll (2) Pawl (2) Ratchet Arm	34	192-0170	1	ΔWheel, Ratchet - Specs A through D
15	192-0167	1	†Δ*Clamp, Rope	35	192-0218	2	ΔScrew, Cap - Hex Head -
16	192-0163	1	†∆Bearing, Sheave Hub				Specs A through D
17	192-0323	1	†∆Screw, Cap - Socket Head (Special)	+ -	Parts Include	ed in 192-	0325 Starter Kit.
18	862-0003		· • •				0215 Starter Kit.
		1	†∆Nut. Hex (3/8-16)				0045 Rope and Grip Assembly
19	192-0152	1	†∆Cover, Starter				0180 Rope Sheave.
20	192-0186	1	†∆Ring, Mounting				·

OPTION 10 GEAR REDUCTION (3.3:1)



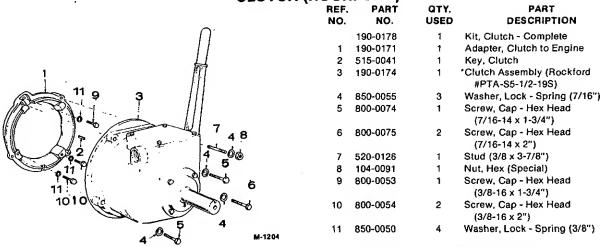
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	REDUCTION	NGEAR AS	SEMBLY	14	800-0007	4	Screw, Cap - Hex Head
	190-0444	1	Mounted Left Side				(1/4-20 x 1")
			Horizontal	15	515-0159	1	Key, Driven Gear
	190-0440	1	Mounted Right Side	16	518-0013	1	Ring, Retainer
			Horizontal	17	190-0202	1	Spacer, Bearing
2	190-0050	1	Housing - Includes Cover (Also	18	190-0192	1	Shaft, Take-Off
			Order 2 #516-0012 Pins)	19	515-0103	1	Key, Take-Off Shaft
3	516-0012	2	Pin, Dowel	20	510-0023	1	Cone, Roller Bearing
4	190-0020	1	Gasket, Housing to Engine	21	510-0024	1	Cup, Roller Bearing
5	190-0021	1	Gasket, Cover to Housing	22	850-0045	12	Washer, Lock - Spring (5/16")
6	190-0016	1	Plate, Bearing Retainer	23	505-0054	3	Plug, Pipe (1/4)
7	190-0115	1	Shim Set, End Play Adjustment	24	190-0306	2	Gasket, Bearing Plate to
8	509-0016	1	Seal, Oil				Housing
9	190-0195	1	Washer, Pinlon Gear	25	800-0028	16	Screw, Cap - Hex Head
10	515-0142	1	Key, Pinion Gear				(5/16-18 x 1")
11	190-0447	1	Gear, Set (Pinion and Driven)	26	526-0063	4	Washer, Flat - Copper
12	510-0022	1	Cup, Roller Bearing				(17/64" ID x 7/16" OD x
13	510-0021	1	Cone, Roller Bearing				1/22" Thk)

OPTION 11 GEAR REDUCTION (4:1)

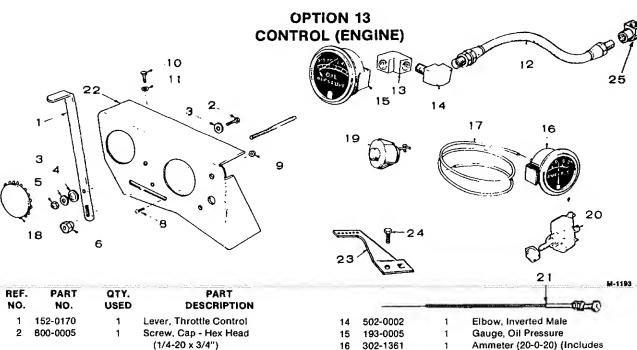


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	REDUCTION GEAR ASSEMBLY				515-0159	′· 1	Key, Driven Gear
	190-0193	· 1	Mounted Left Side Horizontal	16	518-0013	1	Ring, Retainer
			(No Longer Available)	17	190-0202	1	Spacer, Bearing
	190-0299	1	Mounted Hight Side Horizontal	18	190-0192	1	Shaft, Take-Off
			(No Longer Available)	19	515-0103	1	Key, Take-Off Shaft
	FOR REPL	ACEMENT	ORDER:	20	510-0023	1	Cone, Roller Bearing
	190-0440	1	Reduction Gear Assembly,	21	510-0024	1	Cup, Roller Bearing
			Mounted Right Side Horizontal	22	850-0045	12	Washer, Lock - Spring (5/16")
	190-0447	1	Gear, Set (Pinion & Driver)	23	PLUG, PIPE	(1/4)	,
	190-0195	1	Washer, Pinion Gear		505-0054	3	Mounted Left Side and Mounted
	515-0142	1	Key, Pinion Gear				Right Side Gear Box
	190-0410	1	Mounted Vertical Down		505-0054	2	Mounted Vertical Down Gear
2	190-0050	1	Housing - Includes Cover (No				Box
			Longer Available) (Also Order	24	190-0306	2	Gasket, Bearing Plate to Housing
			2 #516-0012 Pins)	25	800-0028	12	Screw, Cap - Hex Head
3		2	Pin, Dowel				(5/16-18 x 1")
4		1	Gasket, Housing to Engine	26	526-0063	4	Washer, Flat - Copper
5		1	Gasket, Cover to Housing				(17/64"IDx7/16"ODx1/32"Thk)
6		1	Plate, Bearing Retainer	27	800-0007	4	Screw, Cap - Hex Head
7		1	Shim Set, End Play Adjustment				(1/4-20 x 1")
-	516-0057	1	Seal, Oil	28	505-0007		Bushing, Reducer - Mounted
9		1	Washer, Pinion Gear				Vertical Down Gear Box
10		1	Key, Pinion Gear	29	518-0172	1	Vent, Mounted Vertical Down
11	190-0191	1	Gear, Pinion (No Longer				Gear Box
			Available)	30	509-0016	1	Seal, Oil
12		1	Cup, Roller Bearing				
13		1	Cone, Roller Bearing				
14	190-0190	1	Gear, Driven (No Longer Available)				

OPTION 12 CLUTCH (ROCKFORD)



* - For components, check Clutch nameplate and contact your nearest Rockford Clutch Dealer.

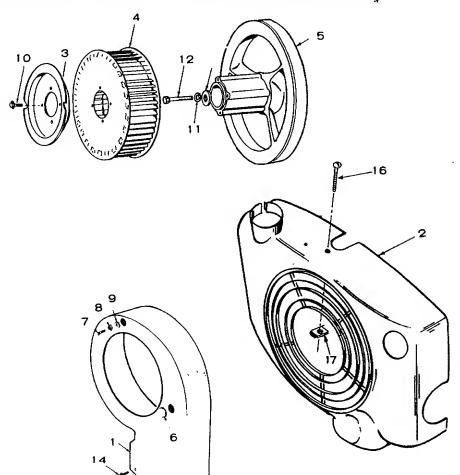


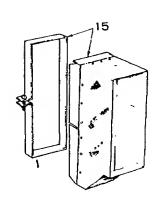
NO.	NO.	USED	PART DESCRIPTION			-	1000
1	152-0170	1	Lever, Throttle Control	14	502-0002	1	Elbow, Inverted Male
2	800-0005	1	Screw, Cap - Hex Head	15	193-0005	1	Gauge, Oil Pressure
			(1/4-20 x 3/4")	16	302-1361	1	Ammeter (20-0-20) (Includes
3	526-0015	2	Washer, Flat (9/32" ID x				Parts Marked *)
			9/16" OD x 1/16" Thk)	17	334-0028	1	Lead (4 foot pieces of wire)
4	152-0041	1	Washer, Tension	18	517-0009	1	Plug, Dot Button
5	870-0065	1	Nut, Hex Self Locking (1/4-20)	19	308-0029	1	Switch, Start
6	150-0621	1	Nut, Special - Speed Adjusting	20	308-0232	1	Switch, Stop
			Stud	21	153-0328	1	Cable, Choke
8	815-0199	2	Screw, Machine - Fillister Head	22	301-2780	1	Bracket, Engine Control
			(#10-32 x 5/16")	23	150-1000	1	Extension, Governor Arm
9	870-0131	2	Nut, Hex with ET Lock Washer (10-32)	24	815-0181	1	Screw, Cap - Hex Head W/ET (#10-32 x 1/2")
10	800-0002	2	Screw, Cap - Hex Head (1/4-20 x 3/8")	25	502-0020	1	Elbow, Pipe - Street Brass, 90° (1/8 NPT)
11	850-0040	2	Washer, Lock - Spring (1/4")	_	302-0270	1	*Hardware Mounting Package.
12	501-0004	1	Line, Oil				
13	502-0055	1	Elbow, Pipe	•	- Parts Include	ed in 302	2-1361 Ammeter.

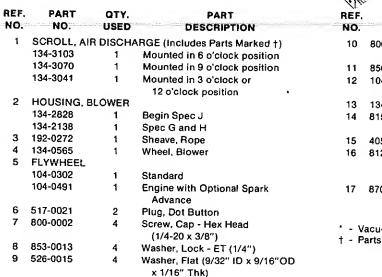
* - Parts Included in 302-1361 Ammeter.

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OPTION 14 AIR HOUSING - VACU-FLO COOLING (AND FLYWHEEL)







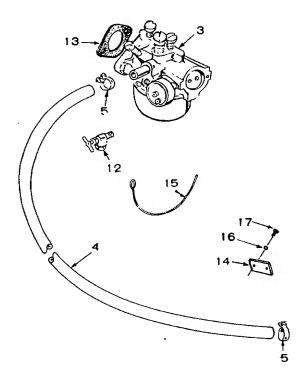
1.	Spir.		
REF	. PART	QTY.	PART
NO.	NO.	USED	DESCRIPTION
10	800-0010	4	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
11	850-0040	4	Washer, Lock - Spring (1/4")
12	104-0170	1	Screw, Cap - Hex Head (Special) - Flywheel Mounting
13	134-2956	1	†Guard, Scroll Outlet
14	815-0421	4	tScrew, Machine - Hex Head (#10-16 x 1/2")
15	405-1059	1	Anti-Vibration Package
16	812-0099	1	Screw, Round Head - Machine - Coil Mounting - Begin Spec J (10-24 x 7/16")
17	870-0177	1	Nut, Speed - Coil Mounting - Begin Spec J (#10)

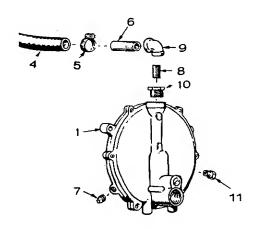
- * Vacu-flo units with oil filter also see Oil Filter Group Option 8.
- † Parts included in Air Discharge Scroll Assembly.

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CS-1073

OPTION 15 FUEL SYSTEM (GASEOUS FUEL)





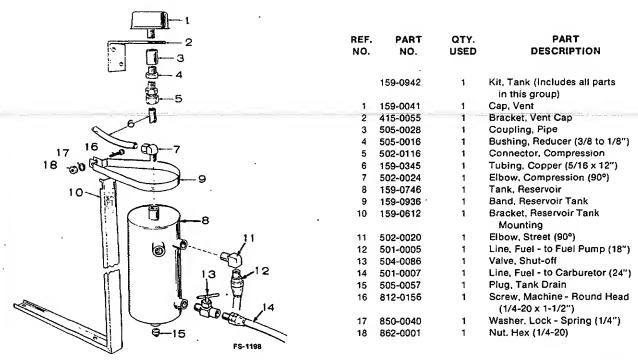
REF.	PART NO.	QTY. USED	PART Description	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	148-0390 148-0311	1 1	Repair Kit, Gas Regulator Regulator, Gas (Garretson	8	505-0099	1	Nipple (1/4 x 7/8") - Regulator Outlet
3	*CARBURET	OR, GAS-	Manufacturer). GASOLINE (Includes Mounting	9	505-0038	1	Elbow (1/4") - Regulator Outlet
	Gasket) (I 143-0338	ncludes Pa 1	arts Marked †) Spec G Only (Manuai Choke)	10	505-0017	1	Bushing (3/8 x 1/4") Regulator Outlet
	141-0887	1	Begin Spec H (Manual Choke)	11	148-0107	1	Vent, Regulator
	143-0339 141-0888	1 1	Spec G Only (Electric Choke) Begin Spec H (Electric Choke)	12	504-0007	1	Valve, Shut-Off - Fuel Pump
3	*CARBURET	OR, GAS ((Includes Mounting Gasket)	13	141-0281	1	†Gasket, Carburetor Mounting
	(Includes 141-0840	Parts Mark 1	red †) Spec G Only	14	149-0136	1	Plate, Fuel Pump Hole Crankcase (Gas Fuel Sets)
4	141-0892 503-0315	1 1	Begin Spec H Hose, Regulator to Carburetor	15	143-0231	1	Wire, Choke Stop (Gas- Gasoline Units)
5 6	503-0032	2	(1/2" ID x 2 FT) Clamp, Hose	16	526-0063	2	Washer, Flat, Copper (17/64" ID x 7/16 OD x
7	505-0302 505-0057	1	Nipple (1/4 x 1-1/2"), Half Plug (1/8") - Regulator	17	806-0009	2	1/32" Thk) Screw, Cap - Counterbore (1/4-20 x 1.1")

- * See Separate Group for Components and Gasket Kit. † Parts Included in 141-0840/141-0887/141-0888/141-0892 Carburetor Kit.

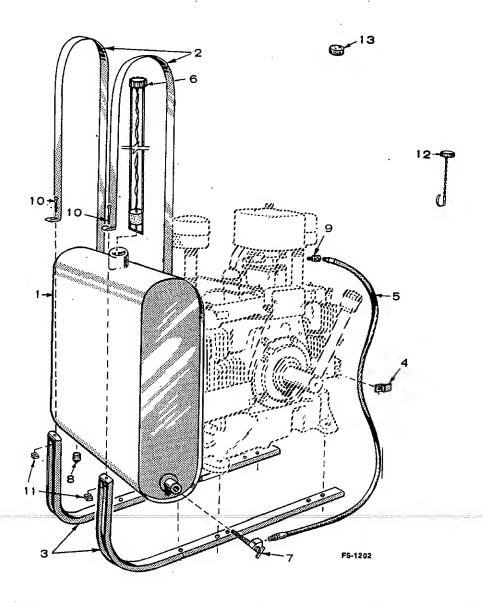
OPTION 16 RESERVOIR (DAY) TANK (ONE QUART)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	
	159-0591	1	Kit, Tank (Includes all parts in this group)	° , 3
1	159-0041	1	Cap, Vent	4
2	415-0055	1	Bracket, Vent Cap	<u>a</u>
3	505-0028	1	Coupling, Pipe	⊢ 5
4	505-0016	1	Bushing, Reducer (3/8 to 1/8")	ñ
5	502-0116	1	Connector, Compression	, 6 W
6	159-0345	1	Tubing, Copper (5/16 x 12")	
7	502-0024	1	Elbow, Compression (90°)	17 16 60-7
8	159-0294	1	Tank, Reservoir	
9	159-0556	1	Band, Reservoir Tank	18-00
10	159-0612	1	Bracket, Reservoir Tank Mounting	10
11	502-0020	1	Elbow, Street (90°)	
12	501-0005	1	Line, Fuel - to Fuel Pump (18")	\(\mathred \) \8
13	504-0086	1	Valve, Shut-off	
14	501-0007	1	Line, Fuel - to Carburetor (24")	
15	505-0057	1	Plug, Tank Drain	6
16	812-0156	1	Screw, Machine - Round Head (1/4-20 x 1-1/2")	13 8 12
17	850-0040	1	Washer, Lock - Spring (1/4")	
18	862-0001	1	Nut, Hex (1/4-20)	9—15 FS-1197

OPTION 17 RESERVOIR (DAY) TANK (TWO QUART)



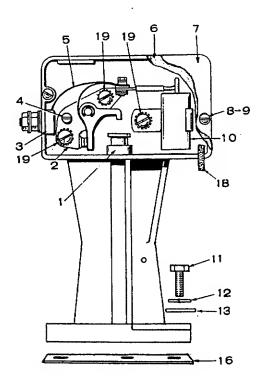
OPTION 18 FUEL TANK (SIDE MOUNTED)



REF.	PART NO.	QTY. USED	PART DESCRIPTION	REF.	PART NO.	QT1 USE	
	159-0984	1	Kit, Fuel Tank with Gauge	7	504-0013	1"	T*Valvo, Shut-off
			(Includes Parts Marked *)	8	505-0057	1	†*Plug, Tank Drain
	159-0597	1	Kit, Fuel Tank Without	9	502-0020	1	†*Elbow, Carburetor Inlet
			Gauge (Includes Parts	10	813-0108	2	†*Screw, Machine - Round Head
			Marked †)				(#10-32 x 1-1/2")
1	159-0981	1	†*Tank, Fuel (Less Cap)	11	870-0053	2	†*Nut, Hex (#10-32)
2	159-0596	2	†*Strap, Fuel Tank	12	159-0020	1	†Cap, Fuel Tank (For 2-5/16"
3	159-0595	2	†*Bracket, Fuel Tank				Filler Neck) - Late Models
4	134-0599	1	†*Clip, Fuel Line	13	159-0007	1	Cap, Fuel Tank (For 1-3/4"
5	501-0008	1	†*Line, Fuel				Filler Neck) - Early Models
6	193-0207	1	*Cap and Gauge, Fuel Tank (For 2-5/16" Filler Neck) - Late Models				-0597 Fuel Tank Kit. -0984 Fuel Tank Kit

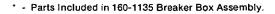
927-0404 (APRIL 1981)

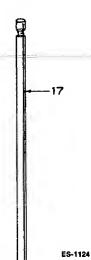
OPTION 19 BREAKER BOX (HIGH PROFILE)



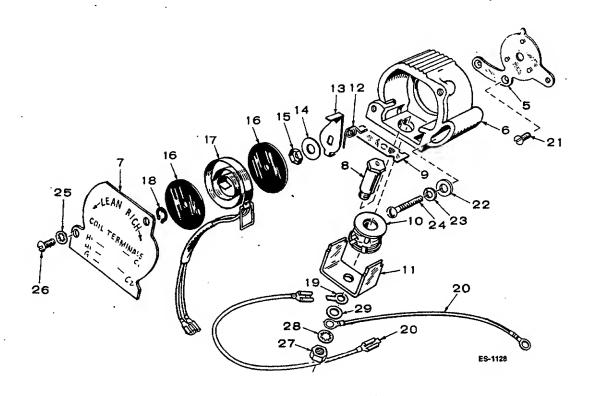


REF.	PART	QTY.	PART
NO.	NO.	USED	DESCRIPTION
	160-1135	1	Box Assembly, (Includes Parts Marked *)
1	160-0931	1	*Guide, Plunger
2	160-0002	1	*Point Set
3	160-0349	1	*Terminal and Block Assembly
4	160-0075	1	*Cam, Point Adjusting
5	160-0428	1	*Strap, Point Set to Terminal
6	160-0150	1	*Gasket, Cover
7	160-0930	1	*Cover, Breaker Box
8	850-0025	2	*Washer, Lock - Spring (#8)
9	812-0077	2	*Screw, Machine - Round Head (#8-32 x 3/8")
10	312-0069	1	*Condenser (.3 Mfd)
11	802-0035	2	*Screw, Socket Head (1/4-20 x 7/8")
12	850-0040	2	*Washer, Lock - Spring (1/4")
13	526-0214	2	Washer, Flat (17/64 ID x 1/2 OD x 1/16 Thk)
14	BUSHING,	GUIDE	
	160-1041	1	*Begin Spec J
	160-0929	1	Spec A through H
15	160-1040	1	*Gasket, Mounting - Begin Spec J
16	160-0043	1	Gasket, Spec A through H
17	160-0723	1	*Plunger, Breaker
18	160-0261	1	*Wick
19	815-0285	3	*Screw, Machine - Round Head W/ET Washer (#8-32 x 5/16")



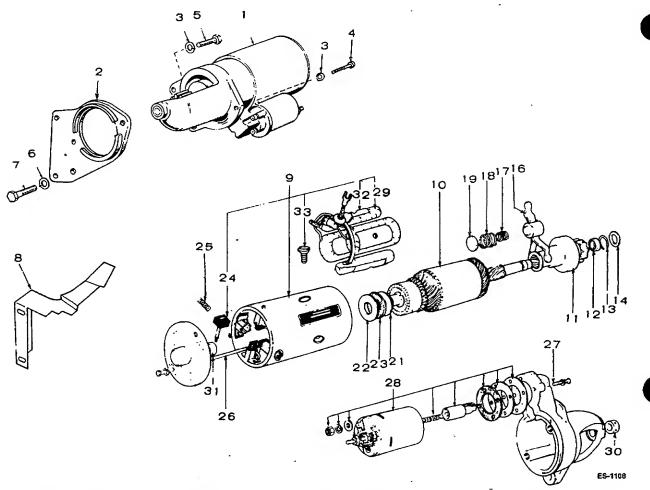


OPTION 20 THERMO MAGNETIC CHOKE



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	153-0429	1	Replacement Kit (Includes	18	518-0129	1	Ring, Retainer
			Complete Choke - less leads)	19	332-0876	1	Terminal Ground
5	153-0385	1	Plate, Mounting	20	LEAD, CHO	KE	
6	153-0386	1	Body		336-1550	1	Choke to Ground
7	153-0389	1	Cover		336-1549	1	Choke Solenoid Ground
8	153-0391	1	Core, Solenoid	21	815-0161	2	Screw (10-32 x 3/8")
9	153-0395	1	Armature	22	526-0008	1	Washer, Flat
10	307-1203	1	Coil, Solenoid Assembly	23	850-0030	1	Washer (#10), Lock
11	153-0392		Frame, Solenoid	24	813-0107		Screw (10-32 x 1-1/4")
12	153-0387	1	Spring	25	854-0007	2	Washer (#8), Lock
13	153-0390	1	Lever, Thermostat	26	812-0076	2	Screw (8-32 x 5/16")
14	526-0018	1	Washer	27	862-0015	1	Nut, Hex (5/16-18)
15	870-0134	1	Palnut (1/4-20)	. 28	854-0017	1	Washer, (5/16), Lock
16	153-0399	2	Insulator	29	526-0022	1	Washer, Flat
17	153-0400	1	Heater Assembly				

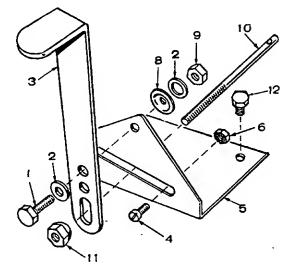
OPTION 21 STARTER (SOLENOID SHIFT) KEY 2

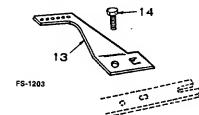


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	
1	191-0790	1	Motor, Starter (includes Parts Marked *)	16 17	191-0749 191-0750	1	*Lever Assembly *Spring, Lever
2	191-0508		Flange, Starter Motor	18	191-0751		*Spring, Lever
3	850-0050	2	Washer, Lock - Spring (3/8")	19	191-0752	1	*Holder, Spring
4	800-0049	1	Screw, Cap - Hex Head	21	191-0754	· i	*Washer, Plain
			(3/8-16 x 7/8")	22	191-0755	1	*Washer, Plain
5	800-0050	1	Screw, Cap - Hex Head	23	191-0756	1	*Washer, Insulation
			3/8-16 x 1")	24	191-0757	4	*∆Brush
6	850-0050	2	Washer, Lock - Spring (3/8")	25	191-0758	4	*Spring, Brush
7	102-0455	2	Screw, Cap - Hex Head (Special)	26	191-0759	2	*Bolt, Through
8	134-2131	1	Baffle, Air	27	191-0760	3	*Screw, Machine
9	191-0806	1	*Yoke Assembly (Frame) -	28	191-0761	1	*Switch Assembly, Solenoid
			(Includes Parts Marked △)	29	191-0762	1	*ΔCoil Assembly, Field
10	191-0743	1	*Armature	30	191-0763	1	*Bearing, Front
11	191-0744	1	*Clutch	31	191-0764	1	*Bearing, Rear
12	191-0745	1	*Stop, Pinion	32	191-0765	4	*∆Pole Shoe
13	191-0746	1	*Ring	33	191-0766	4	*∆Screw
14	191-0747	1	*Washer, Plain				

 $^{^{\}star}$ - Parts Included in 191-0790 Starter Motor. Δ - Parts Included in 191-0806 Yoke Assembly.

OPTION 22 GOVERNOR CONTROL (VARIABLE SPEED)



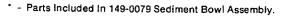


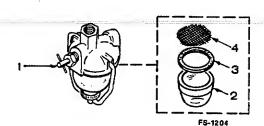
REF.	PART NO.	QTY. USED	PART DESCRIPTION
	152-0085	1	Bracket and Control Arm Assembly Variable Speed - Complete (Includes Parts Marked *)
1	800-0005	1	*Screw, Cap - Hex Head (1/4-20 x 3/4")
2	526-0015	2	*Washer, Flat (9/32" ID x 9/16" OD x 1/16" Thk)
3	152-0083	1	*Lever, Control
4	815-0199	2	*Screw, Machine - Fillister Head (#10-32 c 5/16")
5	152-0086	1	*Bracket, Mounting
. 6	870-0131	2	*Nut, Hex with ET Lock Washer (#10-32)
8	152-0041	1	*Washer, Tension
9	870-0065	1	*Nut, Hex - Self Locking (1/4-20)
10	152-0090	1	Stud, Speed Adjusting
11	150-0621	1	Nut, Special - Speed Adjusting Stud
12	821-0008	2	Screw, Cap - Hex Head Locking (1/4-20 x 5/16")
13	150-1000	1	Extension, Governor Arm
14	815-0181	1	Screw, Cap - Hex Head with ET Lock Washer (#10-32 x 1/2")

* - Parts Included in 152-0085 Bracket and Arm Assembly.

OPTION 23 FUEL FILTER

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	149-0079	1	Bowl Assembly, Sediment - Complete (Includes Parts Marked *)
2	149-0150	1	*Bowl Only
3	149-0149	1	*Gasket, Bowl Mounting
4	149-0202	1	*Screen





OPTION 24 CARBURETOR PARTS (GASOLINE, ELECTRIC CHOKE) SPEC G ONLY)

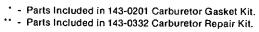
REF NO.		QTY. USED	PART DESCRIPTION	· 😭 .	
	141-0792	1	Carburetor, Gasoline - Electric Choke (Includes Mounting Gasket)		
	143-0332	1	Kit, Carburetor Repair (Includes Parts Marked **)		
	143-0201	1	**Kit, Carburetor Gasket (Includes Parts Marked *)	4 17 15	
	141-0281	1	*Gasket, Carburetor Flange	30 \$ 19 18-8	
1	143-0202	1	Valve, Throttle		
3	143-0204	1	Valve, Choke - Electric Choke	16	
4	143-0330	1	**Needle, Idle Jet and High Speed Adjusting		
5	143-0329	1	**Nozzle		
6	143-0315	1	Shaft, Choke - Electric Choke	6 3	
7	143-0208	1	Screw and Gasket, Bowl	13	
8	143-0015	1	*Gasket, Fuel Inlet Valve		
9	143-0209	1	*Gasket, Bowl Screw	8 4 4	
10	143-0105	1	Float and Lever		
11	143-0210	1	Bowl		
12	143-0077	1	*Gasket, Bowl Ring	14 5	
13	141-0703	1	**Pin, Float Lever	Į Ŭ	
14	143-0341	1	**Valve, Fuel Inlet		
15	143-0213	1	Screw, Idle Adjusting	10	
16	812-0014	4	**Screw (#3-48 x 3/16) - Choke and Throttle Valve		
17	143-0110	1	Plug Expansion	-11	
18	143-0214	1	Spring, Throttle Adjusting Screw		
19	143-0112	1	Spring, Idle Adjusting Screw		
29	143-0342	1	Diaphragm - Electric Choke	• 9-7	
30	854-0003	4	**Washer, Lock (It #3)		

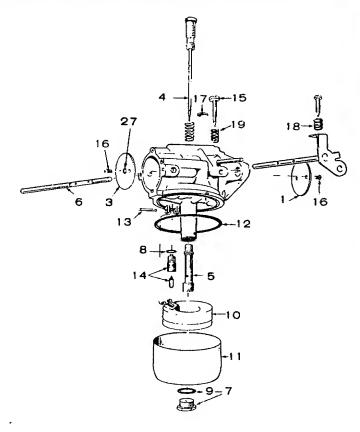
<sup>Parts Included in 143-0201 Carburetor Gasket Kit.
Parts Included in 143-0332 Carburetor Repair Kit.</sup>

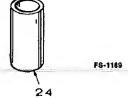


OPTION 25 CARBURETOR PARTS (GAS-GASOLINE, MANUAL CHOKE) SPEC G ONLY

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	143-0338	1	Carburetor, Gas-Gasoline Manual Choke (Includes
			Mounting Gasket)
	143-0332	1	Kit, Carburetor Repair
			(Includes Parts Marked **)
	143-0201	1	**Kit, Carburetor Gasket
			(Includes Parts Marked *)
	141-0281	1	*Gasket, Carburetor Flange
1	143-0202	1	Valve, Throttle
3	143-0220	1	Valve, Choke - Manual Choke
4	143-0330	1	**Needle, Idle Jet and High
			Speed Adjusting
5	143-0329	1	"Nozzle
6	143-0221	1	Shaft and Lever, Choke -
			Manual Choke
7	143-0208	1	Screw and Gasket, Bowl
8	143-0015	1	*Gasket, Fuel Inlet Valve
9	143-0209	1	*Gasket, Bowl Screw
10	143-0105	1	Float and Lever
11	143-0210	1	Bowl
12	143-0077	1	*Gasket, Bowl Ring
13	141-0703	1	**Pin, Float Lever
14	143-0341	1	**Valve, Fuel Inlet
15	143-0213	2	Screw, Idle Adjusting
16	812-0014	4	**Screw (#3-48 x 3/16") - choke
			and Throttle Valve
17	143-0110	1	Plug, Expansion
18	143-0214	1	Spring, Throttle Adjusting Screw
19	143-0112	2	Spring, Idle Adjusting Screw
24	145-0308	1	Tube, Gas Inlet - Gas-Gasoline Only
27	854-0003	4	"Washer, Lock (It #3)







OPTION 26 CARBURETOR PARTS (GAS-GASOLINE, ELECTRIC CHOKE) SPEC G ONLY

REF. NO.	. PART NO.	QTY. USED	
	143-0339	1	Carburetor, Gas-Gasoline Electric Choke (Includes Mounting Gasket)
	143-0332	1	Kit, Carburetor Repair (Includes Parts Marked **)
	143-0201	1	**Kit, Carburetor Gasket (Includes Parts Marked *)
	141-0281	1	*Gasket, Carburetor Flange
1	143-0202	1	Valve, Throttle
3	143-0204	1	Valve, Choke - Electric Choke
4	143-0330	1	**Needle, Idle Jet and High Speed Adjusting
5	143-0329	1	**Nozzle
6	143-0315	1	Shaft, Choke - Electric Choke
7	143-0208	1	Screw and Gasket, Bowl
8	143-0015	1	*Gasket, Fuel Inlet Valve
9	143-0209	1	*Gasket, Bowl Screw
10	143-0105	1	Float and Lever
11	143-0210	1	Bowl
12	143-0077	1	*Gasket, Bowl Ring
13	141-0703	1	**Pin, Float Lever
14	143-0341	1	**Valve, Fuel Inlet
15	143-0213	2	Screw, Idle Adjusting
16	812-0014	4	"Screw (#3-48 x 3/16") - choke and Throttle Valve
17	143-0110	1	Plug, Expansion
18	143-0214	1	Spring, Throttle Adjusting Screw
19	143-0112	2	Spring, Idle Adjusting Screw
24	145-0308	1	Tube, Gas Inlet
29	143-0342	1	Diaphragm - Electric Choke
30	854-0003	4	*Washer, Lock (It #3)

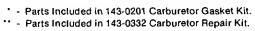
^{* -} Parts Included in 143-0201 Carburetor Gasket Kit.
** - Parts Included in 143-0332 Carburetor Repair Kit.

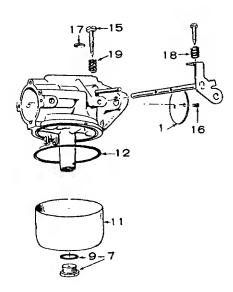


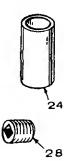


OPTION 27 CARBURETOR PARTS (GAS) SPEC G ONLY

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	141-0840	1	Carburetor, Gas (Includes Mounting Gasket)
	143-0332	1	Kit, Carburetor Repair (Includes Parts Marked **)
	143-0201	1	**Kit, Carburetor Gasket (Includes Parts Marked *)
	141-0281	1	*Gasket, Carburetor Flange
1	143-0202	1	Valve, Throttle
7	143-0208	1	Screw and Gasket, Bowl
9	143-0209	1	*Gasket, Bowl Screw
11	143-0210	1	Bowl
12	143-0077	1	*Gasket, Bowl Ring
15	143-0213	1	Screw, Idle Adjusting
16	812-0014	4	**Screw (#3-48 x 3/16") - Choke and Throttle Valve
17	143-0110	1	Plug, Expansion
18	143-0214	1	Spring, Throttle Adjusting Screw
19	143-0112	1	Spring, Idle Adjusting Screw
24	145-0308	1	Tube, Gas Inlet
28	505-0008	1	Plug (1/8")







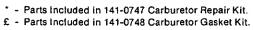
OPTION 28 CARBURETOR PARTS (GASOLINE, ELECTRIC CHOKE) BEGIN SPEC H

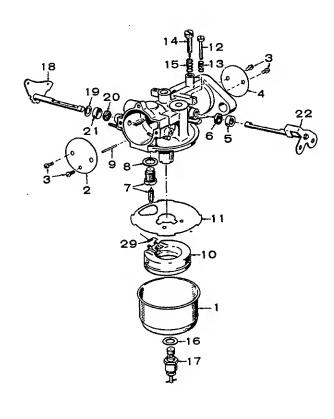
REF. NO.	PART NO.	QTY. USE		14-98
	141-0879	1	Carburetor, Gasoline - Electric Choke (Includes Mounting Gasket)	18 15-8 8-13 3
	141-0797	1	Kit, Carburetor Repair (Includes Parts Marked *)	4
	141-0748	1	*Kit, Carburetor Gasket (Includes Parts Marked £)	22
	141-0281	1	£*Gasket, Carburetor Flange	6 5
1	141-0708	1	Bowl, Fuel	
2	141-0741	1	Plate, Choke	(°, °)
3	141-0698	4	Screw & Washer, Choke and Throttle Plate Mounting	3 9 8
4	141-0706	1	Plate, Throttle	2
5	141-0705	1	*Retainer, Seal	
6	141-0661	1	£*Seal, Rubber	(<u></u>
7	141-0830	1	*Valve Seat Assembly, Fuel	
8	141-0811	1	£Washer, Fuel Valve Seat	29
9	141-0703	1	*Shaft, Float	10
10	141-0702	1	Float Assembly	
11	141-0701	1	£*Gasket, Bowl to Body	
12	141-0700	1	Screw, Throttle Stop	
13	141-0711	1	Spring, Throttle Stop	
14	141-0713	1	Needle, Idle Adjusting	
15	141-0710	1	Spring, Idle Needle	FS-1207
16	141-0077	1	£°Washer, Main Jet Assembly	©-16 FS-1207
17	141-0712	1	Jet Assembly, Main (Adjustable)	
18	141-0679	1	Shaft, Choke	₽-17
22	141-0709	1	Shaft and Lever Throttle	Ţ
29	141-0799	1	*Spring, Float	-

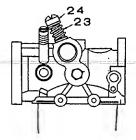
^{* -} Parts Included in 141-0797 Carburetor Repair Kit. £ - Parts Included in 141-0748 Carburetor Gasket Kit.

OPTION 29 CARBURETOR PARTS (GAS-GASOLINE, MANUAL CHOKE) BEGIN SPEC H

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION			
	141-0887	1	Carburetor, Gas-Gasoline			
			Manual Choke (Includes			
			Mounting Gasket)			
	141-0747	1	Kit, Carburetor Repair			
			(Includes Parts Marked *)			
	141-0748	1	*Kit, Carburetor Gasket			
			(Includes Parts Marked £)			
	141-0281	1	£*Gasket, Carburetor Flange			
1	141-0708	1	Bowl, Fuel			
2	141-0741	1	Plate, Choke			
3	141-0698	4	Screw & Washer, Choke and			
			Throttle Plate Mounting			
4	141-0706	1	Plate, Throttle			
5	141-0705	1	*Retainer, Seal			
6	141-0661	1	£*Seal, Rubber			
7	141-0830	1	*Valve Seat Assembly, Fuel			
8	141-0811	1	£Washer, Fuel Valve Seat			
9	141-0703	1	*Shaft, Float			
10	141-0702	1	Float Assembly			
11	141-0701	1	£*Gasket, Bowl to Body			
12	141-0700	1	Screw, Throttle Stop			
13	141-0711	1	Spring, Throttle Stop			
14	NEEDLE, IDLE ADJUSTING					
	141-0713	2	Gas-Gasoline Units			
15	SPRING, ID	ING, IDLE NEEDLE				
	141-0710	2	Gas-Gasoline Units			
16	141-0077	1	£*Washer, Main Jet Assembly			
17	141-0712	1	Jet Assembly, Main (Adjustable)			
18	SHAFT, CH	OKE				
	141-0742	1	Manual Choke Units			
19	141-0699	1	Washer			
20	141-0697	1	£*Seal, Felt			
21	141-0203	1	*Retainer, Felt Seal			
22	141-0709	1	Shaft and Lever, Throttle			
23	141-0733	1	Spring, Main Gas Needle			
24	141-0734	1	Needle, Main Gas Adjusting			
29	141-0799	1	*Spring, Float			

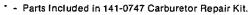




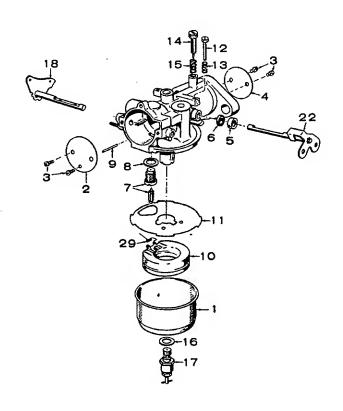


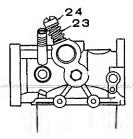
OPTION 30 CARBURETOR PARTS (GAS-GASOLINE, ELECTRIC CHOKE) BEGIN SPEC H

REF.	PART NO.	QTY.	PART			
NO.	NO.	USED	DESCRIPTION			
	141-0888	1	Carburetor, Gas-Gasoline			
			Electric Choke (Includes			
			Mounting Gasket)			
	141-0747	1	Kit, Carburetor Repair			
			(Includes Parts Marked *)			
	141-0748	1	*Kit, Carburetor Gasket			
			(Includes Parts Marked £)			
	141-0281	1	£*Gasket, Carburetor Flange			
1	141-0708	1	Bowl, Fuel			
2	141-0741	1	Plate, Choke			
3	141-0698	4	Screw & Washer, Choke and Throttle Plate Mounting			
4	141-0706	1	Plate, Throttle			
5	141-0705	1	*Retainer, Seal			
6	141-0661	1	£*Seal, Rubber			
7	141-0830	1	*Valve Seat Assembly, Fuel			
8	141-0811	1	£Washer, Fuel Valve Seat			
9	141-0703	1	*Shaft, Float			
10	141-0702	1	Float Assembly			
11	141-0701	1	£*Gasket, Bowl to Body			
12	141-0700	1	Screw, Throttle Stop			
13	141-0711	1	Spring, Throttle Stop			
14						
	141-0713 2 Gas-Gasoline Units					
15	SPRING, IDLE NEEDLE					
	141-0710	2	Gas-Gasoline Units			
16	141-0077	1	£*Washer, Main Jet Assembly			
17	141-0712	1	Jet Assembly, Main (Adjustable)			
18	SHAFT, CHOI					
	141-0679	1	Electric Choke			
22	141-0709	1	Shaft and Lever, Throttle			
23	141-0733	1	Spring, Main Gas Needle			
			Gas-Gasoline Units			
24	141-0734	1	Needle. Main Gas Adjusting - Gas-Gasoline Units			
29	141-0799	1	*Spring, Float			



^{£ -} Parts Included in 141-0748 Carburetor Gasket Kit.

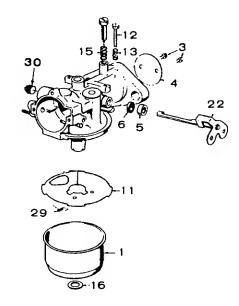


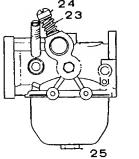


OPTION 31 CARBURETOR PARTS (GAS) BEGIN SPEC H

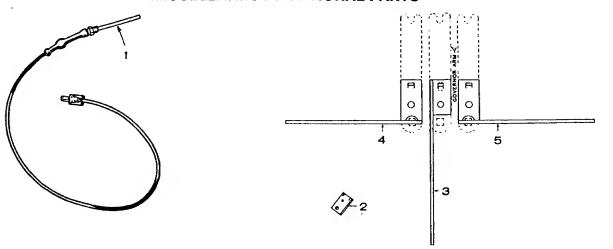
REF. NO.	PART NO.	QTY. USED	PART Description			
	141-0892	1	Carburetor, Gas (includes Mounting Gasket)			
	141-0747	1	Kit, Carburetor Repair (Includes Parts Marked *)			
	141-0748	1	*Kit, Carburetor Gasket (Includes Parts Marked £)			
	141-0281	1	£*Gasket, Carburetor Flange			
1	141-0708	1	Bowl, Fuel			
3	141-0698	. 2	Screw & Washer, Choke and Throttle Plate Mounting			
4	141-0706	1	Plate, Throttle			
5	141-0705	1	*Retainer, Seal			
6	141-0661	1	£*Seal, Rubber			
11	141-0701	1	£*Gasket, Bowl to Body			
12	141-0700	1	Screw, Throttle Stop			
13	141-0711	1	Spring, Throttle Stop			
14	NEEDLE, IDLE ADJUSTING					
		1	Gas Only Units			
			(Not Available)			
15	SPRING, ID	DLE NEEDLE				
	141-0710	1	Gas Only Units			
16	141-0077	1 .	£'Washer, Main Jet Assembly			
22	141-0709	1	Shaft and Lever, Throttle			
23	141-0733	1	Spring, Main Gas Needle			
24	141-0734	1	Needle, Main Gas Adjusting			
25	141-0736	1	Nut, Bowl			
29	141-0799	1	*Spring, Float			
30	505-0008	1	Plug, Pipe (1/8")			
- Parts Included in 141-0747 Carburetor Repair Kit.						

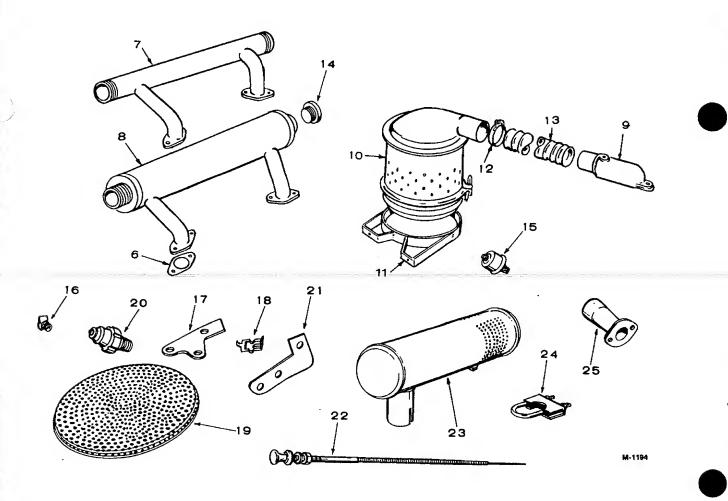
£ - Parts Included in 141-0748 Carburetor Gasket Kit.





MISCELLANEOUS OPTIONAL PARTS





927-0404 (APRIL 1981)

MISCELLANEOUS OPTIONAL PARTS

REF. NO.	PART NO.	QTY. USED	PART Description	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	102-0558	1	Heater, Oil Base	15	193-0108	1	Sender, Oil Pressure
	ARM, GOVERNOR PULL - CONSTANT SPEED			16	502-0053	1	Elbow, Street (45°)
	GOVERNOR	₹		17	153-0327	1	Bracket, Choke
2	150-0635	1	Rear Pull	18	518-0176	1	Clip, Choke Bracket
3	150-0755	1	Front Pull	19	134-1889	1	Guard, Flywheel - Rotating
4	150-0790	1	Left Pull	20	309-0237	1	Pressure Switch - Low Oil
5	150-0752	1	Right Pull				(8-10 PSI)
6	154-0973	2	Gasket, Exhaust Manifold	21	153-0464	1	Bracket, Choke Cable
7	154-0998	1	Manifold, Exhaust	22	153-0351	1	Cable, Choke Short
8	155-0906	1	Muffler, Exhaust	23	155-1660	2	Muffler (Ray Gun)
9	140-0645	1	Adapter, Air Cleaner	24	155-1239	2	Clamp, Muffler (1-5/8")
10	140-0500	1	Cleaner, Air	25	154-1757	2	Adapter Assembly, Manifold
11	140-0519	1	Band, Air Cleaner				
12	503-0365	2	Clamp, Air Cleaner Hose				
13	503-0444	1	Hose, Air Cleaner (2" ID 10 x 30" lg)				
14	505-0618	1	Cap, Pipe (1-1/2")				